WELL NO SHELL-GULF ET AL UTE UNIT 1-16A4
API NO. 43-013-30057
SEC. 26, T. 01S, R. 04W
DUCHESNE COUNTY, UTAH

NOTES FROM COVER ON OLD WELL FILE:

1-20-71 - VERBAL APPROVAL BY C. B. FEIGHT.

APPROVED IN ACCORDANCE WITH CAUSE # 139-1.

2-4-71 RECEIVED REVISED APPLICATION (FOOTAGE ONLY).

Entered in NID File .....
Location Map Pinned .....
Card Indexed .....

Checked by Chief .....
Approval Letter 1-25-71
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....

Location Inspected .....

Bond released
State or Fee Land .....

OW..... WW..... TA.....
GW..... OS..... PA.....

LOGS FILED

Driller's Log.....
Electric Logs (No.) .....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

January 21, 1971

Subject: Shell-Gulf et al - Ute Unit 1-26A4
1510' FNL and 1560' FEL
Section 26-T1S-R4W
Altamont Field
Duchesne County, Utah

Utah Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Gentlemen:

The attached application for a drilling permit for Shell-Gulf et al - Ute Unit 1-26A4 specifies a location which does not meet the requirements of the State Order (Cause No. 139-1) which established well spacing and location tolerances for the Altamont Field. Our selection of this location was necessitated by the existence of a surface property line running north-south 1,317 feet from the east line of the section and by a pond which prevented us from going east without exceeding the limits of a reasonable distance from the center of the quarter section. This proposed location will allow muddy surface runoff which may result from excavation of the site to drain away from the pond.

Shell Oil Company respectfully requests approval of this proposed exception location under the provisions of paragraph 4 of the above order.

Yours very truly,

R. A. Flohr

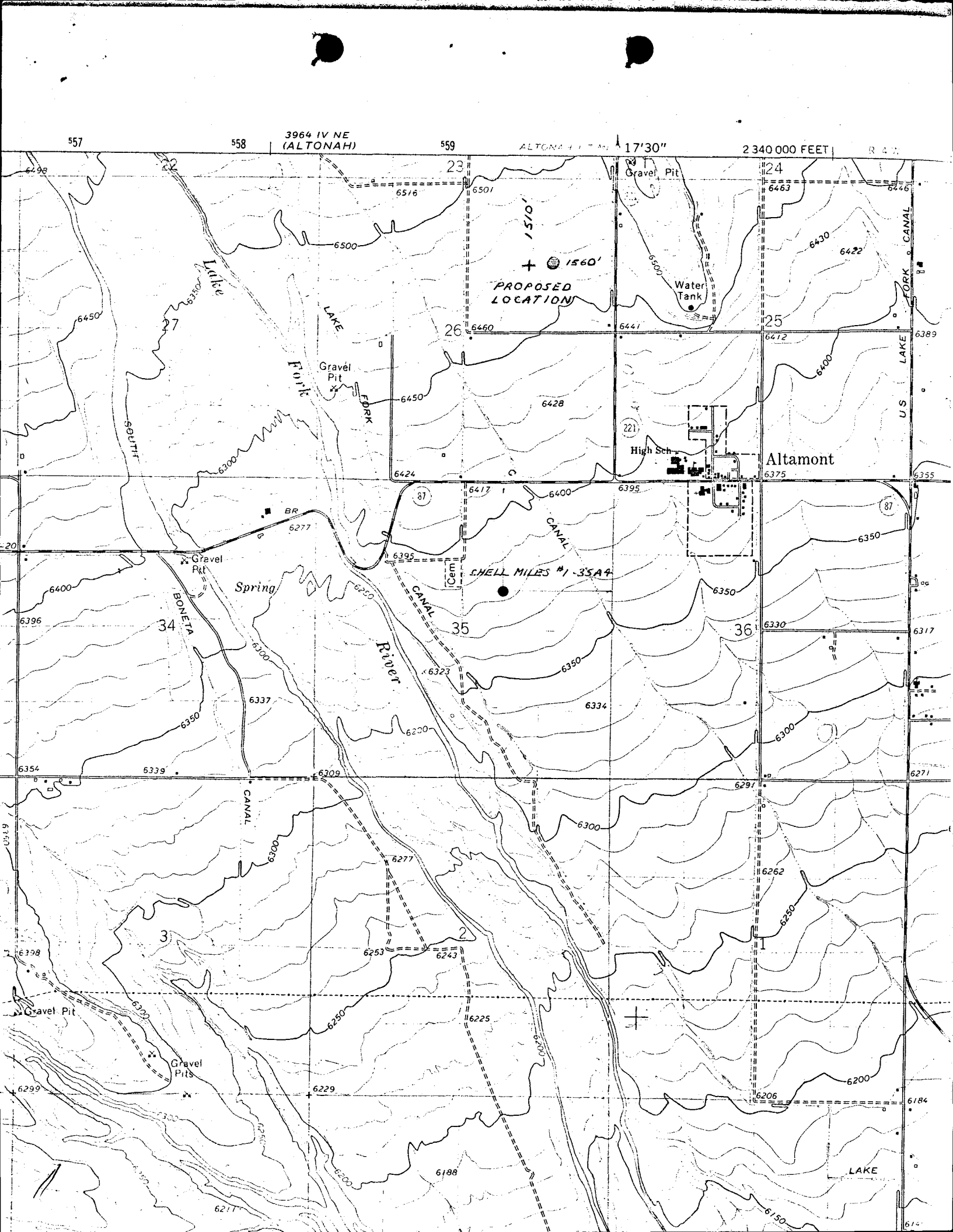
R. A. Flohr
Division Production Manager
Rocky Mountain Division

ABN:ljd

Attachments

cc: United States Geological Survey
125 South State Street
8416 Federal Building
Salt Lake City, Utah 84111

10


3964 IV NE
(ALTONAH)
17'30"
2 340 000 FEET
557
558
559
23
24
25
26
27
34
35
36
1
2
3
Gravel Pit
1510'
1560'
PROPOSED LOCATION
Water Tank
Lake
LAKE
Gravel Pit
FORK
South
Fork
CANAL
FORK CANAL
US
LAKE
High Sch
Altamont
BR
Gravel Pit
Spring
BONETA
CANAL
Cem
SHELL MILES #1-35A4
River
CANAL
Gravel Pit
Gravel Pits
LAKE
6498
6516
6501
6500
6463
6446
6450
6430
6422
6460
6441
6412
6389
6400
6428
6424
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6184
6188
6211
6150

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Gulf Oil Corporation
Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1510' FNL and 1560' FEL Sec 26
At proposed prod. zone

NE SW NE

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT AGREEMENT NAME: Ute Unit

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-26A4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/4 SE/4 Section 26-T 1S-R 4W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 1 1/4 miles NW of Altamont

12. COUNTY OR PARISH: Duchesne — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 193'

16. NO. OF ACRES IN LEASE: 80

17. NO. OF ACRES ASSIGNED TO THIS WELL: —

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: No other wells on lse

19. PROPOSED DEPTH: 13,500'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6467 GL (Ungraded)

22. APPROX. DATE WORK WILL START*: 1-30-71

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

As per attached drilling prognosis and certified survey plat.

Attached is a letter to Utah Oil and Gas Conservation Commission requesting administrative approval for an exception to Utah State's spacing rules for topographic reasons. 139.1

Kind of BOP's Used: Series 900

How Frequently Tested: Operationally tested daily and press tested after nippling up on all casing strings and as deemed necessary by drilling conditions. All press tests will be recorded on Tour Reports.

2 cc's: Oil and Gas Conservation Commission - Salt Lake City w/attachments of drlg prognosis, plat and letter

Revised Application

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED: Original Signed By J. C. HOWELL — TITLE: Division Petroleum Engineer — DATE: 1-22-71

(This space for Federal or State office use)

PERMIT NO. 43-013-30057 — APPROVAL DATE

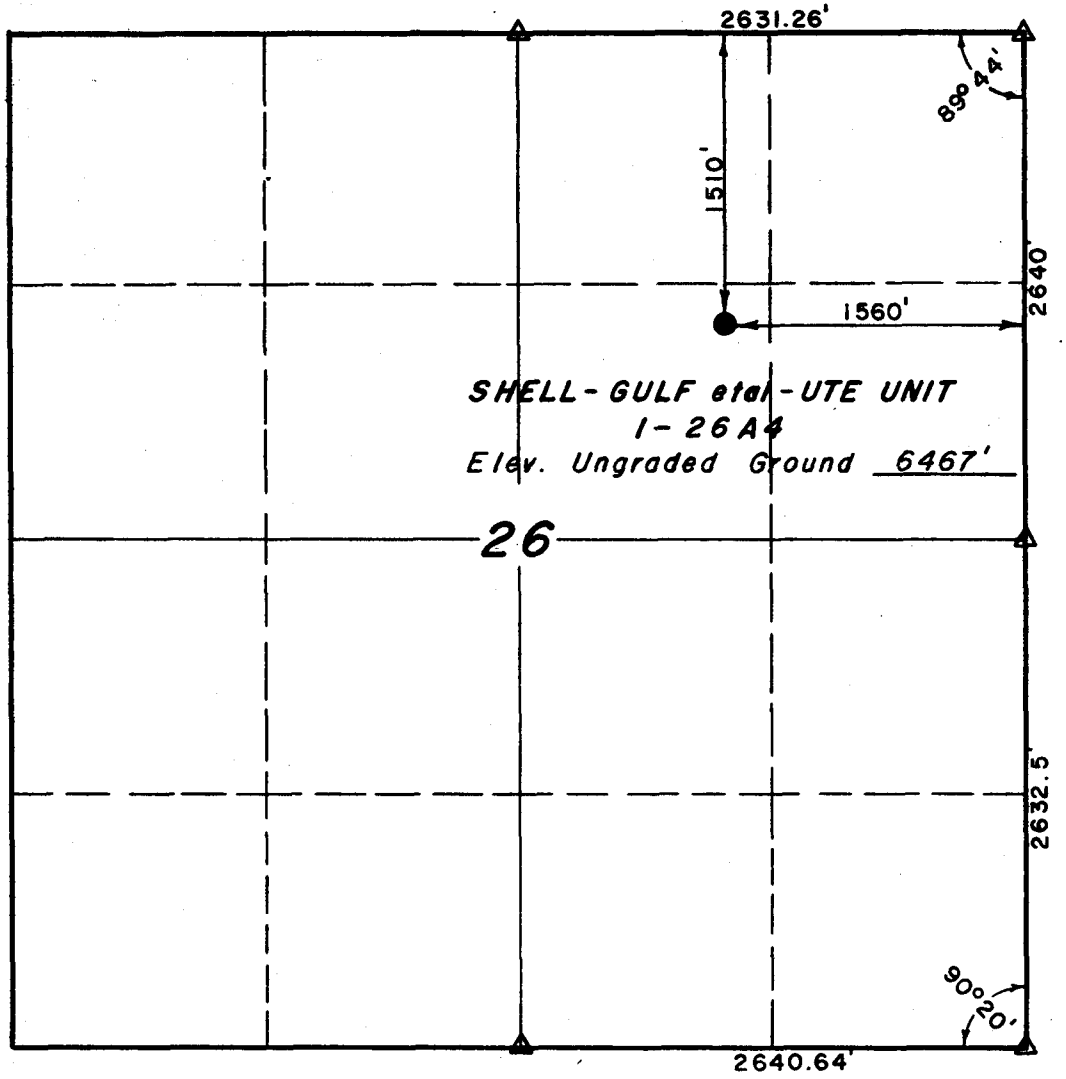
APPROVED BY — TITLE — DATE

CONDITIONS OF APPROVAL, IF ANY:

12

*See Instructions On Reverse Side

T 1S, R 4W, U.S.B. & M.



△ = Corners Re-established.

PROJECT

SHELL OIL COMPANY

Well location *SHELL - GULF etal - UTE UNIT 1-26A4*, located as shown in the NE 1/4 Section 26, T1S, R4W, U.S.B. & M., Duchesne County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 20 Jan 1971
PARTY G.S., L.D.T. & W.R.	REFERENCES GLO Plat
WEATHER Cold	FILE Shell Oil Co.

DRILLING WELL PROGNOSIS

WELL NAME: SHELL-GULF UTE UNIT 1-26
TYPE WELL: DEVELOPMENT
FIELD / AREA: ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY): 1510' FNL & 1560' SECTION 26-T1S-R4W, DUCHESNE COUNTY, UTAH

EST. G. L. ELEVATION 6470 PROJECTED TD 13,500 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
30"	26"	Dry Hole Digger		30'	SAMPLES: 30' Surface to 5500' 10' 5500' to T.D.
17½"	13-3/8"			300'	
			1/1000'		CORES: 3 60' cores below the "N" marker.
12¼"	9-5/8"				DST'S: 4 from 11,000' to T.D.
				TGR 1 6335 (+ 150)	DEVIATION CONTROL Dogleg severity to be less than 1½° per any 100' interval
				7000'	
		BHC/AC/GR/PML FDC/A/SNP DIL 2-man mud logging			CEMENT Circulate 13-3/8" casing cement. See casing programs for other casing cementing requirements.
				TGR 3 10,315 (-3830)	MUD General Program
8-3/4"	7-5/8" (Hung)		1/1000'	"N" Marker 11,071 (-4586)	Water Surface casing to 10,000' gel/chemical/weighted 10,000' to T.D.
				Miles Zone 13,246 (-6761)	See Mud program for details.
				TD 13,500'	

ORIGINATOR LAP DATE 1-19-71

ENGINEERING APPROVAL: DES

EXPLOITATION

MECH. BBB

OPERATIONS APPROVAL:

for RS Landau

DIV. DRILLING SUPT.

January 25, 1971

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Shell-Gulf et al Ute Unit
#1-26A4
Sec. 26, T. 1 S, R. 4 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with the Order issued in Cause No. 139-1, and further, in accordance with verbal approval granted by this office on January 20, 1971.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with regard to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

PI

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

January 27, 1971

Mr. C. J. Howell
Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well 1-26A4, Altamont, 1510' FNL & 1560' FEL sec. 26-1S-4W, USM, Duchesne County, Utah, Lease Tribal land 14-20-H62-1771

Dear Mr. Howell:

Enclosed is your copy of the Application for Permit to Drill the referenced well which was approved by this office on January 27, 1971.

There were some minor errors on the form which we took the liberty of correcting. Block 5 showed the land as patented while our records indicate the well will be located on Tribal lease 14-20-H62-1771. The quarter-quarter description in Block 11 showed SW¼SE¼. We believe this should be SW¼NE¼.

Even though the operator is shown as Gulf Oil Corporation and Shell oil Company, we assume that Shell Oil Company will be the sole operator of the well.

Sincerely yours,

(ORIG. SGD.) G. R. DANIELS

Gerald R. Daniels,
District Engineer

cc: BIA, Fort Duchesne
Utah Div. Oil & Gas Con.
Casper

Form 9-331 C
(May 1963)

SUBMIT IN PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1426.

7

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Gulf Oil Co. and King Silver
Shell Oil Company (Rocky Mountain Division Production)

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1840' FNL and 1100' FEL Sec 26
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME
Ute Unit

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-26A4

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 NE/4 Section 26-T 1S-R 4W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1 mile NW of Altamont

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
180'

16. NO. OF ACRES IN LEASE
80

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
No other wells on lse

19. PROPOSED DEPTH
13,500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6457 GL (Ungraded)

22. APPROX. DATE WORK WILL START*
2-5-71

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Revised

As per attached drilling prognosis and certified survey plat.

Attached is a letter to the Utah Oil and Gas Conservation Commission requesting administrative approval for an exception to Utah State's spacing rules for topographic reasons.

Kind of BOP's: Series 900, and if necessary, will install Series 1500

How Frequently Tested: Operationally tested daily and press tested after nippling up on all casing strings and as deemed necessary for drilling conditions. All press tests will be recorded on Tour Sheets.

2 cc's: Oil & Gas Conservation Commission - Salt Lake w/drlg prog, plat & letter

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Original Signed By J. C. HOWELL TITLE Division Petroleum Engineer DATE Feb. 1, 1971

(This space for Federal or State office use)

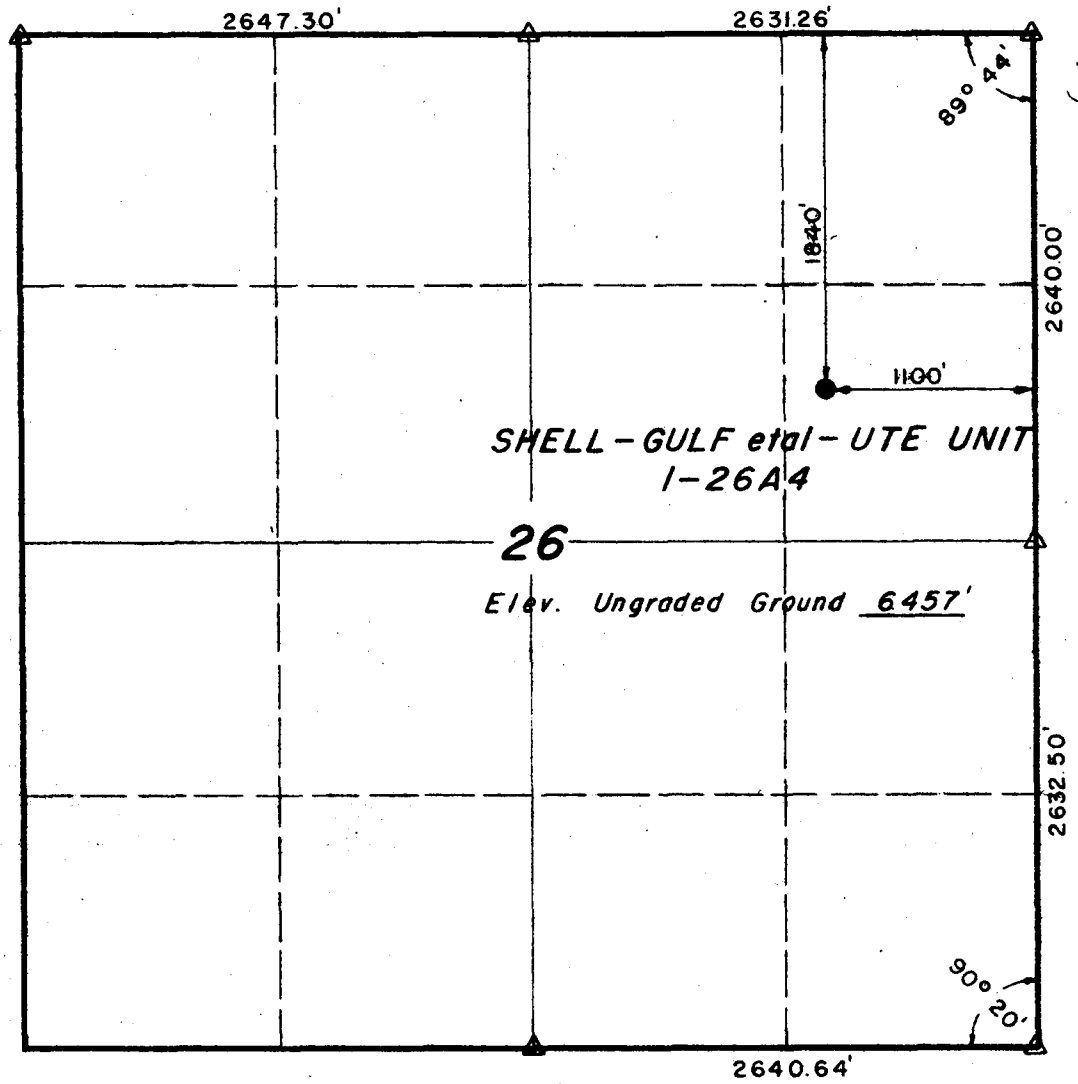
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T1S, R4W, U.S.B.&M.



△ = Corners Re-established

PROJECT

SHELL OIL COMPANY

WELL LOCATION *SHELL-GULF-etal UTE UNIT 1-26A4*, LOCATED AS SHOWN IN THE NE 1/4 SECTION 26, T1S, R4W, U.S.B.&M., DUCHESNE COUNTY, UTAH.

Revised

NOTE

LOCATION MOVED 29 JAN., 1971 & PLAT REVISED 30 JAN., 1971.

N

CERTIFICATE

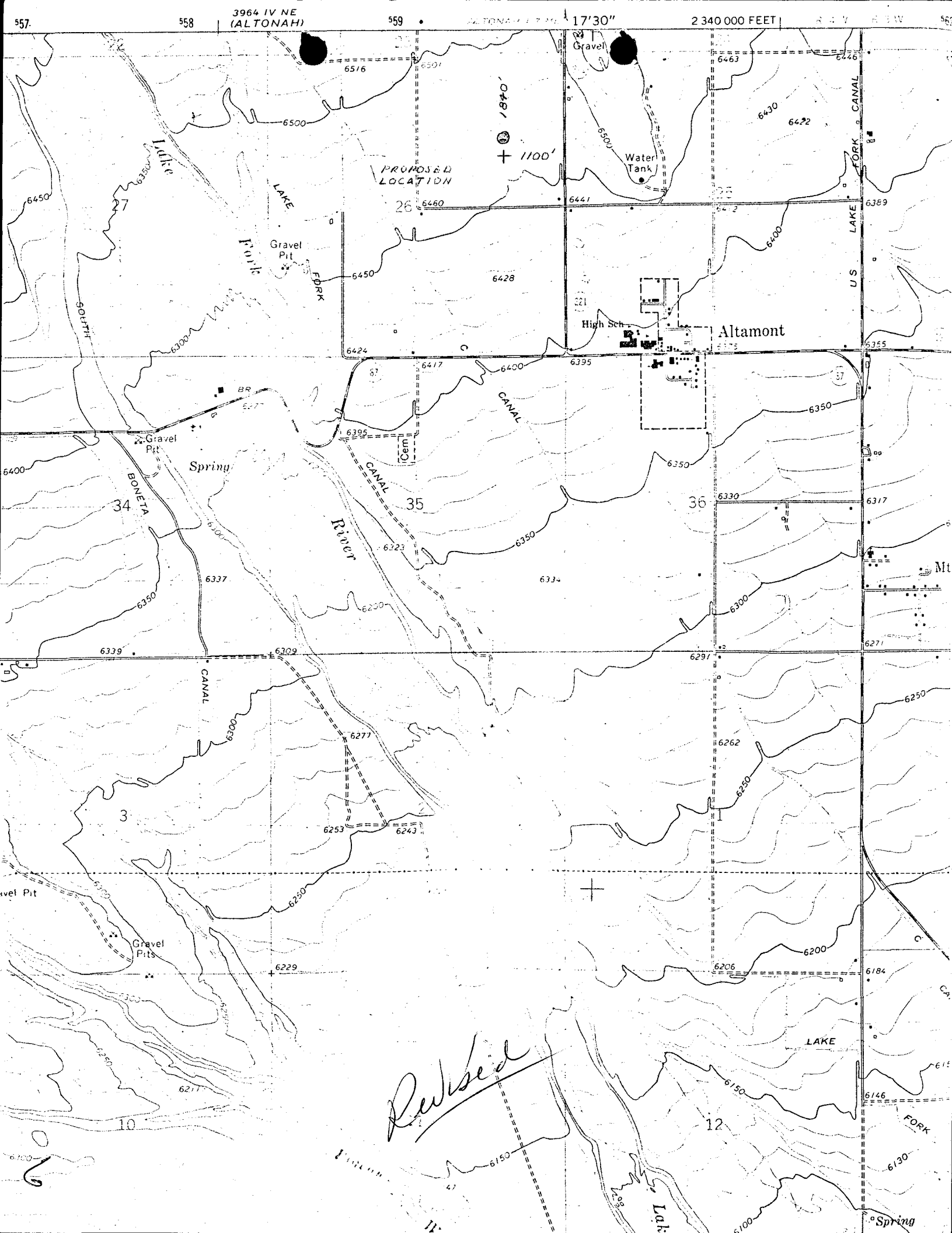
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q – 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	DATE
1" = 1000'	Jan. 30, 1971
PARTY	REFERENCES
G.S. L.D.T. H.M.	GLO Plat
WEATHER	FILE
Fair	SHELL OIL CO.


557
558
3964 IV NE
(ALTONAH)
559
17'30"
2 340 000 FEET
Gravel
6516
6500
1840'
1100'
PROPOSED
LOCATION
Water
Tank
6463
6446
6430
6422
CANAL
FORK
LAKE
6389
6441
6460
26
27
Gravel
Pit
6450
6428
6400
US
High Sch
Altamont
6424
6417
6395
6355
C
CANAL
6350
Gravel
Pit
Spring
BONETA
6400
34
35
36
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6317
River
6323
6337
6334
6339
6309
6291
6300
6277
6262
6250
3
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Gravel
Pits
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6200
LAKE
6150
6146
FORK
6130
10
12
Revised
Spring
6100

REVISED 1/29/71

M 51 (6-69)

DRILLING WELL PROGNOSIS

WELL NAME SHELL-GULF-KING SILVER-UTE UNIT 1-26A4

TYPE WELL DEVELOPMENT

FIELD / ~~AREA~~ ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY) 1840' FNL & 1100' FEL SECTION 26-T1S-R4W, DUCHESNE COUNTY, UTAH

EST. G. L. ELEVATION 6470 PROJECTED TD 13,500 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
30"	26"	Dry Hole Digger		30'	SAMPLES: 30' Surface to 5500' 10' 5500' to T.D.
17½"	13-3/8"			300'	CORES: 3 60' cores below the "N" marker.
			1/1000'		
12¼"	9-5/8"			TGR 1 6335 (+ 150)	DST'S: 4 from 11,000' to T.D.
				7000'	DEVIATION CONTROL Dogleg severity to be less than 1½° per any 100' interval
8-3/4"	7-5/8" (Hung)	BHC/AC/GR/PML FDC/A/SNP DIL 2-man mud logging	1/1000'	TGR 3 10,315 (-3830) "N" Marker 11,071 (-4586) Miles Zone 13,246 (-6761) TD 13,500'	CEMENT Circulate 13-3/8" casing cement. See casing programs for other casing cementing requirements. MUD General Program Water Surface casing to 10,000' gel/chemical/weighted 10,000' to T.D. See Mud program for details.

Revised

ORIGINATOR LAP DATE 1-19-71

ENGINEERING APPROVAL: DES

EXPLOITATION

OPERATIONS APPROVAL: R S Lindsey

UTE 1-26A4

THIS IS A REVISED NOTICE OF INTENTION TO DRILL TO THE PREVIOUSLY MAILED NOTICE ON JANUARY 22, 1971 AND APPROVED BY THE USGS 1-27-71 DUE TO CHANGE IN FOOTAGE LOCATION

SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

February 1, 1971

Subject: Shell-Gulf-King Silver - Ute Unit 1-26A4
1840' FNL and 1100' FEL
Section 26-T1S-R4W
Altamont Field
Duchesne County, Utah

Revised location

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Gentlemen:

The ammended application (attached) for a drilling permit for Shell-Gulf-King Silver - Ute Unit 1-26A4 specifies a location which does not meet the requirements of the Order issued in Cause No. 139-1. Our move from the location originally requested is being made to avoid conflict with a surface rights owner. This ammended location was selected because it falls within 220 feet of the quarter section N-S center line and allows us to avoid possible contamination of the pond just to the north by surface runoff. We believe that this location serves the best interests of the surface rights owners in the quarter section without falling closer to the section line than normal tolerance allows.

Shell Oil Company respectfully requests approval of this ammended exception location under the provisions of paragraph 4 of the above order.

Please note that at the request of King Silver, we have included that operator in the well designation.

Yours very truly,

J. C. Howell

for R. A. Flohr
Division Production Manager
Rocky Mountain Division

ABN:ljd

Attachments

cc: United States Geological Survey
125 South State Street
8416 Federal Building
Salt Lake City, Utah 84111

Form 9-330
(Rev. 5-63)

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT AGREEMENT NAME: Ute Unit

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-26A4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE/4 NE/4 Section 26-T2S-R4W

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mountain Division Production)
Gulf Oil Corporation and King Elkins

3. ADDRESS OF OPERATOR: 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1840' FNL and 1100' FEL Section 26
At top prod. interval reported below
At total depth

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Duchesne | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2/15/71	7/1/71	7/30/71	6457 GL, 6476 KB	19.32'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,600	12,700'		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHCS-GR w/Cal, DIL/SP, SNP/GR, FML, Four-Arm Dipmeter, Experimental Circumferential Sonic, CCL, GR and Bond

27. WAS WELL CORED: Yes

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	306'	17-1/2"	375 sx	
9-5/8"	47#	7,040'	12-1/4"	1275 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7"	6,670	12,126'	730 sx	
5-1/2"	11,834'	14,598'	280 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

As per Attachments

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
7/30/71	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/28/72	24	14/64"	→	5	8	0	160

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
38	0	→	5	8	0	40°

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*) | TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED K R Jordan TITLE Division Operations Engr. DATE June 16, 1972

*(See Instructions and Spaces for Additional Data on Reverse Side)

2 cc: Oil and Gas Conservation Commission - State of Utah - w/Attachments

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O—683636

CASING AND CEMENTING

Field: Altamont

Well: Ute 1-26A4

Ran 5½" liner to 14,598'

Jts.	Wt.	Grade	ST&C LT&C	New	Feet	From	To
	Burns hanger				7.35	11,834.06	11,841.41
51	20#	P-110	H.T.S.	x	2089.94	11,841.41	13,931.35
	Float				1.58	13,931.35	13,932.93
3	20#	P-110	H.T.S.	x	123.41	13,932.93	14,056.34
	Solid Baffle				4.67	14,056.34	14,061.01
13	17#	N-80	H.F.J.	z	537.99	14,061.01	14,598.00

67 jts Total

Top of liner hanger at 11,834.06
Baker float at 13,932.93
Shoe at 14,598.00

Cementing:

Cemented through ports above metal petal basket at 14,056 w/50 sx 1:1 poz, 1% CRF-2, .4% HR-4, 2% gel and tailed in w/230 sx Class "G" cem, 30% silica flour, 10% salt, 1% CFR-2, .4% HR-4. Cement in place 1:30 AM 7-7-71. Float held. Good returns throughout job.

CASING AND CEMENTING

Field: Altamont

Well: Shell-Ute 1-26A4

Shoe joint started in hole at 3:30 a.m. 5/7/71.

Ran 132 jts 7 5/8" SFJ liner to 12,146'.

Jts.	Wt.	Grade	ST&C LT&C	New	Feet	From	To
132	33.70#	SFJ S-95	Hyd FJ	New	5,476.80	6,670.00	12,146.00

(Includes Brown hanger, float and shoe)

132 jts (5,476.80') Total

Brown hanger at 6,670.00
Brown collar at 12,025
Brown shoe at 12,146

No. Make & Type:

4 B&W centralizers spaced at 12,140; 12,100; 12,060; and 12,020. No scratchers.

Cementing:

Broke circulation at 8:00 a.m. w/600 psi. Circ down to 12,146 pumping at rate of 5.2 B/M losing 1¼ B/M. Lost approx 550 bbls mud. Cmt'd first stage w/380 sx Class "G", 1% CFR-2, followed by 150 sx Class "G", 10% salt, and .2% HR-4. Could not determine when top plug hit bottom plug. Displaced plugs w/353½ bbls mud, 4 bbls short of displacement. Lost all returns after displacing 285 bbls. Press'd up after displacing 353½ bbls. CIP 10:30 a.m. 5/8/71. Ran 8 5/8" bit to top of liner, no cmt. Set Bkr Model "K" cmt ret at 6552. Established breakdown rate of 6 B/M w/1550 psi. Sqz'd lap w/200 sx Class "G". Staged last 4½ bbls in final buildup at ½ B/M w/1450 psi. Got 850 psi buildup, held 1400 psi. CIP 5:15 p.m. 5/9/71. Reversed out. Completed 6 p.m. 5/9/71.

CASING AND CEMENTING

Field: Altamont Well: Ute 1-26A4 KB to CHF: 19.32'

Shoe joint started in hole at 6 p.m. 3/10/71.

Ran 173 jts 47# CF-95, smls, 8rd 9 5/8" csg to 7040'.

Jts.	Wt.	Grade	ST&C	New	Feet	From	To
173	47	595	ST&C	New	7040	0	7040

173 Jts Total

Two Baker metal petal cement baskets at 1028 and 1040.

Baker DV Collar at 1018'.
Baker Float Collar at 7000'.
Baker Shoe at 7040'.

No. Make & Type:

5 B&W centralizers spaced at 7034, 6954, 6834, 6754, and 6634.

Cementing:

Broke circulation at 1 a.m. w/400 psi. Reciprocated and circulated 65 min. Cemented through shoe at 7040' w/425 sx 1:1 poz, 2% gel, followed by 100 sx Neat cmt, 1/8# Nylon Fibers. 1st Stage Cement in Place 3:15 a.m. 3/11/71. Cemented 2nd stage w/600 sx 1:1 poz, 2% gel, followed by 150 sx Neat, 2% $CaCl_2$. 2nd Stage Cement in Place 4:20 a.m. 3/11/71.

CASING AND CEMENTING

Field: Altamont

Well: Shell-Gulf-Ute 1-26A4 KB to CHF: 19.32'

Shoe joint started in hole at 12:00 noon 2/16/71.

Ran 8 jts 13 3/8" Smls, ARMCO casing to 306'.

Jts.	Wt.	Grade	ST&C	New	Feet	From	To
8	54.5#	K-55	ST&C	New	311.18	KB	306

(5.18' above KB)

Second job through 1" on outside w/200 sx Class "G" cmt, 3% $CaCl_2$. Pumped in 100 sx, waited 1 hr. Pumped in an additional 100 sx. Got returns & CIP 8:15 p.m. 2/16/71.

8 Jts. Total

Baker Float Collar at 269'
Baker Shoe at 306'

No. Make & Type:

2 B&W centralizers spaced @ 301' and 224'.

Cementing: Broke circulation at 2:00 p.m. w/250 psi. Reciprocated and circulated 1 hr. With 10 bbls fresh water ahead, cmt'd through shoe at 306' w/375 sx Class "G" cement, ¼# Flocele/sx, 3% $CaCl_2$. Wt. 15.3 - 16.0#/gal. Plug down 3:00 p.m. No cmt returns. Avg. 100.

Shell-Gulf-King Silver
Ute 1-26A4
(D)
14,600' Wasatch Test
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, flowed 23 BO and 36 BW w/16 MCF gas on 22/64" chk w/40 psi FTP and zero CP. MAY 1 9 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
14,600' Wasatch Test
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr tests, flowed as follows: MAY 2 2 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
5/20	36	24	16	20/64"	40	0
5/21	49	26	14	15/64"	30	0
5/22	8	19	14	15/64"	30	0

Shell-Gulf-King Silver
Ute 1-26A4
(D)
14,600' Wasatch Test
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, flowed 18 BO and 13 BW w/9 MCF gas on 14/64" chk w/38 psi FTP and zero CP. MAY 2 3 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
14,600' Wasatch Test
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). OIL WELL COMPLETE. On 24-hr test 5/23/72, flowed 5 BO and no wtr w/8 MCF gas on 14/64" chk w/38 psi FTP and zero CP from the following perfs: 11,310, 11,364, 11,378, 11,420, 11,434, 11,480, 11,531, 11,608, 11,648, 11,658, 11,737, 11,740-11,741, 11,761, 12,194-12,222.
Oil Gv - 40° @ 60° API.
Test Date: 5/23/72. Initial prod date: 7/30/71.
Elev: 6457 GL, 6476 KB
Log Tops: TGR-3 10,362' (-3886)
WASATCH 11,860' (-5384)
WASATCH LAKE 14,300' (-7824)
This is a development test offsetting Miles discovery to the north.
FINAL REPORT. MAY 2 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing to battery. Finished RD. RU Wireline Service and knocked out tbg plug. Ran to 12,700, top of BP. Connected flowline w/1350 psi TP. On 11-hr test, well flowed no oil and 62 BW on 15/64" chk w/40-100 psi FTP. Started flowing @ 7 PM, 5/9/72. MAY 1 0 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, well flowed no oil, 169 BW and no gas on 20/64" chk w/ 40-80 psi FTP. MAY 1 1 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, well flowed 54 BO, 165 BW and 328 MCF gas on 20/64" chk w/45-105 psi FTP. MAY 1 2 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr tests, well flowed as follows: MAY 1 5 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
5/13	72	139	32	22/64"	60	0
5/14	30	58	18	22/64"	80	0
5/15	53	74	18	22/64"	60	0

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, well flowed 15 BO and 61 BW w/27 MCF gas on 22/64" chk w/40 psi FTP and zero CP. MAY 1 6 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, well flowed 49 BO and 55 BW w/36 MCF gas on 22/64" chk w/30 psi FTP and zero CP. MAY 1 7 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
14,600' Wasatch Test
5½" liner @ 14,598'

TD 14,600. PB 12,700 (CIBP). Flowing. On 24-hr test, flowed 5 BO and 45 BW w/28 MCF gas on 22/64" chk w/60 psi FTP and zero CP. MAY 1 8 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Running tbg and ret head. Pulled 3½" tbg and pkr, laying down tbg. Changed BOP pipe rams from 3-1/2" to 2-7/8" and tested to 4500 psi for 5 min, held OK. Started running 2-7/8" N-80 tbg and Baker ret tool w/sawtooth edge on btm. MAY 5 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP).
5/6: Pulling tbg and BP. Ran tbg and ret tools to bridge @ 11,773. Rotated and reverse circ 2 hrs. Worked thru bridge to ret BP @ 11,893 and reverse circ each jt in hole. Hit bridge @ top of ret BP, rotated and reverse circ thru bridge. Retrieved ret BP (press trapped underneath). Tbg press built to 300 psi for 30 min, then decreased to zero. Started pulling tbg and BP.

5/7: Prep to run 5½" heat string. Finished pulling tbg and BP. Ran tbg w/4½" rock bit, hitting bridge @ 12,335. Drld thru bridge and tagged top of cmt @ 12,674. Circ mud to pit. Pulled tbg and bit. RU McC. Ran Baker Model "D" prod pkr w/o jk pusher to 11,200'. RD McC. Changed pipe rams from 2-7/8" to 5-1/2" and press tested to 4000 psi for 15 min, held OK.
5/8: Running prod tbg. Ran 138 jts 5½" OD K-55 14# heat string. Landed heat string on donut and locked in donut. Installed 5½" backpress valve. Removed BOP's and installed 2-7/8" tbg hanger spool. Installed BOP's. Packed off 5½" donut. Pulled 5½" backpress valve and installed test plug. Tested 5½" packoff and blind rams to 5000 psi for 15 min, held OK. Removed test plug. Changed pipe rams from 5-1/2" to 2-7/8" and tested to 5000 psi for 15 min, held OK. Started running 2-7/8" 8 rd N-80 tbg w/Baker 2.25" ID on-off seal connector, tbg anchor seal assembly w/two seal units, 10' long non-perf'd prod tbg and Baker Model "D" plug receptacle w/ push-out plug shop tested to 9000 psi both ways. Filled and press tested every 20 jts to 5000 psi for 5 min. Ran 39 jts (1213') and installed API cut type pump shoe. Continued running tbg, testing every 20 jts. MAY 8 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). SI. Finished running 358 jts 2-7/8" EUE N-80 tbg, 10' sub, 12' sub and 6' sub. Tbg latched into Model "D" @ 11,200'. Set 20 pts wt on pkr and pulled 20 pts over wt of tbg string. Released tbg on-off connector and circ 10.8 ppg $CaCl_2$ wtr out of hole w/10.2 ppg Moab brine inhibited w/13 qts Visco M-15C/50 bbls and 20# Nalco 3601/200 bbls, followed by 75 bbls fresh wtr in tbg. Latched onto on-off connector and set tbg in tension w/12,000 psi. Installed backpress valve, removed BOP's and installed 5000# Xmas tree, testing tree to 5000 psi. Released rig @ 8:30 PM 5/8/72. MAY 9 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Prep to set 3½" backpress valve. On 24-hr test, well flowed 27 BO and 97 BW w/43 MCF gas on 64/64" chk w/ 0 FTP. MAY 2 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Prep to release pkr. Well flowed no fluid w/some gas - gas decreasing overnight. Installed 3½" backpress valve, removed 4-1/16" 10,000# valve. Unlocked donut, released pkr, reset and locked in donut. Installed 4-1/16" valve and removed 3½" backpress valve. Circ in reverse. Pumped 140 bbls before wtr returned, taking 400 psi pump press to start circ. Circ 30 bbls 10.7 ppg wtr. SD pump for hole to stabilize. Well stabilized w/400 psi TP. Installed backpress valve, removed 4-1/16" valve and reset pkr. Installed 4-1/16" valve, removed backpress valve w/390 psi TP. Tbg csg annulus full. Press tested csg and pkr to 1600 psi, held OK. Opened well to test tank w/ well flowing 7 BW - started flowing gas. Started laying down 2-7/8" tbg from derrick. MAY 3 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). RU lay-down line to lay down 3½" frac string. Installed 3½" backpress valve. Removed 4-1/16" 10,000# valve. Removed and picked up donut. Checked backpress valve - no press. Removed backpress valve and donut. Installed 2-7/8" 5000 psi kill valve. Released pkr. TP increased to 400 psi when pkr released. Bled press to tank and started reverse circ. Caught press on annulus after pumping 15 BW. Reversed out 14 BO and got wtr returns. First return wtr wt 10.6 ppg. Circ 10 bbls wtr w/return wtr wt dropping to 9.6 ppg. Circ 30 bbls w/ wtr wt dropping to 8.2 ppg. Circ 30 bbls w/wtr wt dropping below 8 ppg, highly GC. Circ 40 bbls w/TP @ 800 psi. Pump press incr from 250-700 psi. SD pump after pumping total of 141 bbls. TP and CP dropped to 0 after bleeding 3 bbls off tbg. Csg remained full. Ran tbg to 11,773, hitting fill-up. Last sample return wtr wt 10.6 ppg. Mixed 160 bbls 10.8 ppg $CaCl_2$ wtr. Reverse circ @ 11,773 and worked pipe for 1½ hrs. Could not work thru bridge. Did not circ up any beads. MAY 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP).

4/28: Frac treating. Released pkr and reverse circ 110 bbls 10.8 ppg $CaCl_2$ wtr. Ret'd BP and set @ 11,893'. Reset pkr @ 10,710' w/tail to 11,261'. Landed tbg on donut w/52 pts wt on pkr. Locked in donut and press tested tbg, BP and pkr to 7500 psi for 10 min, held OK. RU McC. Made perf run - gun failed. Pulled out of hole. Repaired short in connection below collar locator and made run #2. Using select fire 2" steel tube Omega jets, perf'd one hole each @ following depths: 11,310, 11,364, 11,378, 11,420, 11,434, 11,480, 11,538, 11,608, 11,648, 11,658, 11,737, and 11,761. RD McC. RU Hal. Established inj rate of 3.5 B/M @ 4200 psi. RU frac crew. Preheated all frac fluids to 125°F. Spotted 3000 gal 15% HCl containing 18# FR-18 across perfs, followed by 1500 gal fresh wtr containing 83# KCL, 250# NaCl, 50# WAC-11, 20# W-67 and 3 gal 3-N/1000 gal wtr. SD 10 min to unplug blender. Started frac treating. All lines tested to 12,500 psi.

4/29: Prep to open well. SITP 850 psi. Frac treated well as follows: Followed acid flush w/10,000 gal fresh wtr containing 83# KCL, 250# NaCl, 25# WAC-9, 80# My-T-Frac gel and 6 gal 3-N followed by 30,000 gal fresh wtr containing additives as above plus 3/4#/gal 12-20 Ucar Props w/4000 gal Prop fluid in fm. Frac'd and screened out @ 10,000 psi. Cut off bead injection. Dropped press to 9900 psi, then incr press to 10,750 psi for break to 5000 psi. Started inj Prop fluid. Well screened out second time w/all Prop fluid plus 100 gal flush in tbg. Incr press to 11,000 psi - well would not break down. Press dropped to 6000 psi in 10 min. SD and press'd back to 11,000 psi and SD for press drop six times. Well would not break down @ 11,000 psi. Bled back 10 bbls to pit. Press'd up - well broke @ 9950 psi. Flushed w/4500 gal fresh wtr containing 20# WG-7 and 3 gal 3-N/1000 gal flush. Final flush press 5500 psi, ISIP 5500 psi to 5400 to 1600 psi in 30 min. Load 1167 bbls. Max press 9900 psi, min 5000 psi. Max rate 21 B/M, min 12 B/M, avg 16.5 B/M.

4/30: Flowing well to pit. Flowed 125 bbls total. Opened well to tank, flowing 10.8 ppg $CaCl_2$ wtr. Hal mixed add'l 100 bbls 10.8 ppg $CaCl_2$ wtr for reserve use.

5/1: Flowing to pits. Flowed gelled wtr and My-T-Frac fluid until 4 AM at rate of 12 B/H. Well began flowing some gas and oil. Flowing in heads - no stable rates.

MAY 1 1972

(Continued)
4500 gal 10.8 ppg $CaCl_2$ containing 20# WG-7 to 1000 gal flush. Max press 8000 psi, min 6100 psi, avg 7500 psi. Max rate 20 B/M, min 10 B/M, avg 15 B/M. Immediate press drop from 7000-3400 psi to 3000 psi in 30 min, to 2730 in 12 hrs. Load 1180 bbls. APR 2 5 1972

Shell-Gulf-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Flowing to pit. Well flowing spent acid beads @ 15 B/H rate. Flowed back 10 bbls w/1800 psi FTP. ISIP 2300-2715 in 30 min. Opened well, flowed back 50 bbls in 50 min w/40 psi FTP. ISIP 1600-2630 in 15 min. Flowed back 50 bbls in 1 hr-5 min w/35 psi FTP. ISIP 800-2530 in 15 min. Flowed back 50 bbls in 1 hr-35 min w/20 psi FTP. ISIP 650-2490 in 15 min. Flowed back 50 bbls in 1 hr-40 min w/0 FTP. ISIP 50-1750 in 15 min. Rec'd some beads. Opened well to pit. Rec'd est 600 bbls of 1180 bbl load. APR 2 6 1972

Shell-Gulf-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Prep to unseat pkr and reverse circ. SI for 15 min. SITP stabilized @ 1100 psi w/8.5 ppg wtr and tr oil in tbg. Bled press to pit. Pumped 110 bbls 10.8 $CaCl_2$ wtr down tbg at max inj rate of 1 B/M w/5000 psi max press. ISIP 3500 psi, decreasing to 2970 in 15 min. Opened well to tank on 10/64" chk, flowing back 33 bbls in 1½ hrs w/FTP dropping to 1150 psi, then increasing to 1350 psi during flow period. Opened well to 14/64" chk, flowing 15 bbls in 1 hr w/250 psi FTP. Opened chk to 64/64", flowing back 20 bbls in 1 hr. Flowed back a total of 80 bbls $CaCl_2$ wtr. Installed 3½" backpress valve. Removed 4-1/16" 10,000# valve. Removed backpress valve. Installed pickup sub w/kill valve. Released donut and pkr. Reverse circ 110 bbls $CaCl_2$ wtr. Stabilized tbg and csg press w/400 psi after circ. Reset pkr and flowed back 110 bbls to tank and 10 bbls to pit in 12 hrs. APR 2 7 1972

Shell-Gulf-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Sand frac'g. APR 2 8 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Pulling tbg and tools. Ran tbg w/4¼" OD jk catcher to 5½" liner hanger @ 11,834 and circ in reverse. Ran tbg to 11,981 when tool stopped. Pulled up 30 pts over wt of string - tool would not come up. Set off jars w/50 pts pull, working up and down - tool worked loose. Pulled to 5½" liner hanger @ 11,834 and reverse circ for 1 hr. Ran to 12,771 and circ each jt down. Circ on btm for 30 min. Pulled tool to 11,745. APR 2 1 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP)
4/22: Prep to pick up 3½" tbg. Pulled tbg and tools, rec one slip from Ret "D" and 95-100% of packing rubber. Laid down collars, jars and jk basket. Rigged up McC WL. Ran and set CIBP @ 12,700'. Press tested csg and BP to 2000 psi for 15 min w/15.8 ppg mud in hole, held OK. Capped BP w/3 sx cmt. Ran McC CBL and PDC log from 11,800-10,000'. Changed pipe rams from 2-7/8" to 5-1/2" and all handling eqmt to 3-1/2".
Note: Two Retrieva "D" top slips and some rubber left in hole between 12,771 and 14,013 w/16 ppg mud.
4/23: Running tbg and tools. Started running tbg and tools, hydrotesting to 7500 psi going into hole.
4/24: Prep to test BP and pkr. Finished running tbg and tools. Set ret BP @ 12,335 w/pkr hanging @ 12,331'. Circ mud out of hole w/1000 bbls 110°F fresh wtr. Circ fresh wtr out of hole w/700 bbls 110°F 10 ppg $CaCl_2$ wtr. Spotted frac tank and filled w/fresh wtr for frac. Heated all frac fluid to 125°F. APR 2 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 12,685 (CIBP). Prep to bleed off press. SITP 2730 psi. Set pkr @ 11,595 w/54 pts wt. Installed tbg hanger, hung tbg on donut and locked in donut. Press tested tbg, pkr and BP to 7500 psi for 15 min w/10.8 ppg $CaCl_2$ wtr in hole, held OK. Installed 4-1/16" 10,000 psi valve and press tested pack-off to 10,000 psi for 5 min, held OK. RU McC. Perf'd from 12,194-12,222 w/1 hole/ft w/2" steel tube Omega jets. RU to establish inj rate. Breakdown press 3350 psi. Established inj rate of 1/2 B/M @ 3200 psi. Hooked up to frac treat. All frac and flush fluids preheated to 125°F. Frac treated gross perfs 12,194-12,222 as follows: Press tested all lines to 10,500 for 5 min, held OK. Pumped 1500 gal reg 15% HCl containing 9# FR-18 followed by 3000 gal fresh wtr containing 250# KCL, 750# NaCl, 150# WC-11 and 60# WG-7 followed by 10,000 gal fresh wtr containing 83#/1000 gal KCL, 250#/1000 gal NaCl, 25#/1000 gal WAC-9, 80#/1000 gal My-T frac gel and 3 gal/1000 gal 3-N, followed by 30,000 gal fresh wtr w/same additives as 10,000 gal fresh wtr above plus 3/4#/gal 12-20 Ucar Props. Flushed w/
(Continued)

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Prep to install tbg backpress valve. Ran 2-5/16" gauge ring to 9385', working through hard paraffin from 6100-6585. Hit hard paraffin @ 9385', could not go through. Ran 1-7/8" OD gauge ring, working through hard paraffin from 9385-9725. Ran gauge ring to 11,800'. Pumped 122 bbls of 14 ppg mud down tbg. Max press 4200 psi, max rate 2½ B/M. RU McC and ran 1-3/4" OD tbg perf gun and perf'd tbg from 11,740-11,741 w/three 3/8" holes. Circ treated SW out of hole w/600 bbls 14 ppg mud @ 3.8 B/M @ 1100 psi. APR 7 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP).
4/8: Prep to increase mud wt. SITP 1300 psi, SICP 0. Bled press off tbg. Well flowed back 50 bbls mud, then est 15 bbls highly paraffin and lost circ cut oil, some gas. Csg remained dead. Mixed 180 bbls 14 ppg mud. Pumped 60 bbls mud to fill 5-1/2" x 9-5/8" and 2-7/8" x 5-1/2" annuli. Pumped 122 bbls mud down tbg. After pumping mud, 1-hr SIP 1400 psi on csg and tbg. Bled back 10 bbls. In 6 min, FTP dropped to 200 psi. Well flowing at rate of 2 B/M after flowing back 10 bbls. Tbg and csg press built to 1200 psi in 10 min after SI. Pumped 10 bbls mud back down tbg. SITP and SICP after pumping 10 bbls 1550 psi.
4/9: Mixing mud. Mixed mud for 24 hrs, increasing wt from 14 ppg to 16 ppg and increased vis from 50 to 60. Lost 150 bbls mud on last pill.
4/10: Mixing mud. Cut mud wt from 16 to 15 ppg. Lost 65 bbls mud. APR 10 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Changing out BOP's. Circ hole and cond mud to 15.2 ppg. Opened tbg and csg for 1 hr. Hole did not flow back or take fluid. Installed 2½" backpress valve in tbg hanger. Removed tree and installed 10" 5000# BOP's and hyd stripper. Tested BOP's to 4000 psi and hyd stripper to 2500 psi for 15 min, held OK. Removed backpress valve, un-APR 11 1972 latched from retrieva "D" @ 11,745 and pulled tbg and seal assembly, filling hole every 15 stds. Laid down seal assembly, ran 2 stds tbg and filled hole w/mud.

(Cont'd)

4/17: Running tbg w/6" OD jk catcher. Ran tbg w/4-1/4" OD max taper tap, 3-3/4" hyd jars and three 3-1/2" OD DC's on btm. Did not tag fish @ 11,545. Ran taper tap to 5-1/2" liner hanger @ 11,834. Set 2 pts wt on top of taper tap. Pulled tbg and tools, rec nothing. Laid down tools and started running tbg w/6" OD Bowen jk catcher on btm. APR 17 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Prep to run magnet on sd line. Ran tbg w/6" OD Bowen jk catcher. Circ @ 7-5/8" liner hanger @ 6770 for 2 hrs @ 4 B/M. Ran tbg and jk catcher to 11,832. Circ btms up every 10 stds in 7-5/8" csg. Tagged fish @ 11,832 and picked up 6". Circ btms up four times from 11,832'. Pulled tbg and jk catcher; first 2000' tbg pulled wet. While circ, rec'd one pc rubber 4" long x 1" wide x 3/4" thick. Did not rec any jk or rubber in jk basket. Laid down jk basket. APR 18 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Running tbg and tools. Ran 4½" OD magnet on sd line using 2 jts tbg for wt. Tagged fish @ 11,832'. Picked up and retagged fish APR 19 1972 3 times. Pulled out of hole - did not rec anything on magnet. Btm of magnet covered w/paraffin. Ran tbg w/4-1/8" max OD taper tap, 3-3/4" hyd jars and three 3-1/2" OD DC's on btm. Tagged fish @ 11,832'. Worked up and down on fish and gradually increased wt to max of 15 pts set down. Pulled tbg and tools, first 1500' pulled wet. Tool hung up w/taper tap @ 6610'. Pulled 10 pts over wt of string - could not pull through. Went down 10', pulled up and hung up at same spot. Went down 10', turned one-quarter turn to right and pulled out of hole, recovering nothing. Ran 4½" OD magnet on sd line. Could not get below 6610 where tool hung up. Pulled taper tap, hyd jars and DC's and started running tbg.

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Running tbg. Ran taper tap to 6610'. Latched into fish, working up and down for 30' until fish freed up in csg. Pulled tbg and tools. Rec'd fish, leaving three top slips in hole. Ran tbg w/4-1/4" OD Bowen jk catcher, 3-3/4" OD hyd jars and three 3-1/2" OD DC's on btm. Circ in reverse 2 hrs @ 2 B/M rate w/jk catcher @ 6670. Started running tbg in 7-5/8" csg, circ every 10 stds. All circ in reverse. APR 20 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Checking for flow back. SIP 80 psi. 4/11 SIP 80 psi w/15.2 ppg mud and 2 stds tbg in hole. Bled press off and pulled 2 stds tbg. Well flowed back 1/2" stream mud. Mixed 400 bbls mud to 15.8 ppg and circ same down 5-1/2" and up 9-5/8" annulus. APR 12 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Running tbg w/Model "D" ret tool on btm. Well flowed back an est 1 bbl mud in 1 hr and died. Installed 5½" backpress valve. Removed BOP and tbg hanger spool. Installed BOP on 5½" hanger spool. Changed from 2-7/8" to 5-1/2" pipe rams. Removed 5-1/2" backpress valve. Well dead. Picked up 5-1/2" pickup sub and screwed into 5-1/2" donut. Press tested 5-1/2" rams to 2500 psi for 15 min, held OK. Released 5-1/2" donut. Laid down 138 jts 5-1/2" heat string. Changed from 5-1/2" to 2-7/8" pipe rams. Press tested 2-7/8" rams to 4000 psi for 15 min, held OK. Started running tbg. APR 13 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Running tbg and tools. Finished running tbg and ret tool. Stung into Model "D" @ 11,745. Could not release retrieva "D". Worked tbg at twice the design shear of ret "D" tools - would not release. Sheared shear screws in ret tool. Pulled tbg and ret tool. Started running tbg w/ret tool, 3-3/4" OD hyd jars and four 3-1/2" OD DC's on btm. APR 14 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP)

4/15: Making up Bowen jk catcher. Finished running tbg and tools and latched into ret "D" @ 11,745'. Pulled 40 pts over wt of string - pkr did not come loose. Set jars off @ 35 pts of pkr. Moved up hole w/35 pts pull over wt of string. Pulled 228' tbg and pkr hung up. Worked tbg and jars for 30 min, and freed pkr. Set jars off 5 times in 30 min. Pulled tbg and tools, leaving 95% of packing element rubber and all of outside of pkr from top of slips to btm of jk pusher in hole.

4/16: Picking up tools. Ran tbg w/6" OD Bowen catcher on btm. Reverse circ'd @ 9-5/8" hanger @ 6670 for 2½ hrs @ 4 B/M rate. Ran Bowen jk catcher to 11,536 (9' above where pkr parted). Circ btms up every 10 stds from 6670-11,536. Circ btms up 4 times @ 11,536. All circ in reverse. Mud wt 15.7 x 55 vis. Rec'd four small pieces rubber during circ. Pulled tbg and jk catcher. Rec'd approx one pkr rubber in jk catcher.

(Cont'd)

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 62 BO and 2 BW w/30 MCF gas on 29/64" chk w/60 psi FTP and 0 CP. MAR 2 8 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 87 BO, no wtr and 36 MCF gas on 29/64" chk w/60 psi FTP and 0 CP. MAR 2 9 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 67 BO, 0 BW and 28 MCF gas on 29/64" chk w/60 psi FTP and 0 CP. MAR 3 0 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr tests, well flowed as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP
3/31	70	0	33	29/64"	70 psi	0
4/1	62	1	29	29/64"	70 psi	0
4/2	106	0	33	29/64"	70 psi	0
4/3	62	1	34	29/64"	70 psi	0

APR 3 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 57 BO and no wtr w/33 MCF gas on 29/64" chk w/70 psi FTP and 0 CP. APR 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Rigging up Western Oilwell Service. On 5-hr test, well flowed 23 BO, 0 wtr and 26 MCF gas on 29/64" chk w/70 psi FTP and 0 CP. APR 5 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 4-hr test, well flowed 35 BO, 2 BW and 4 MCF gas on 20/64" chk. APR 6 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 80 BO and no wtr on 29/64" chk w/60 psi FTP. MAR 1 6 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 48 BO, no wtr and 28 MCF gas on 29/64" chk w/80 psi FTP. MAR 1 7 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr tests, well flowed as follows: MAR 2 0 1972

Date	BO	BW	MCF Gas	Chk	FTP
3/18	93	0	48	29/64"	70 psi
3/19	72	0	41	29/64"	60 psi
3/20	68	0	37	29/64"	60 psi

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 77 BO and no wtr w/46 MCF gas on 29/64" chk w/60 psi FTP. MAR 2 1 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 72 BO and 0 BW w/45 MCF gas on 29/64" chk w/60 psi FTP. MAR 2 2 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 13,820. (CIBP) Flowing. On 24-hr test, flowed 79 BO, 0 BW, and 38 MCF gas on 29/64" chk w/70 FTP. MAR 2 3 1972

Shell-Gulf-King Silver-
Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 13,820 (CIBP) Flowing. On 24-hr test, well flowed 54 BO, 1 BW and 48 MCF gas on 29/64" chk w/ 65 psi FTP.

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr tests, well flowed as follows: MAR 2 7 1972

Date	BO	BW	Gas	Chk	FTP
3/25	90	1	37 MCF	29/64"	65 psi
3/26	57	1	39 MCF	29/64"	70 psi
3/27	81	0	27 MCF	29/64"	60 psi

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr tests, well flowed as follows: MAR 6 1972

Date	BO	BW	MCF	Chk	FTP	CP
3/4	83	1	35	29/64"	60	0
3/5	83	1	34	27/64"	60	0
3/6	70	3	35	29/64	60	0

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 98 BO, no water, no gas on 29/64" chk w/60 psi FTP and 0 CP. MAR 7 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 80 BO and 1 BW on 29/64" chk w/ 60 psi FTP and 0 CP. Changing gas meter. MAR 8 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 76 BO, 1 BW, and 42 MCF gas on 29/64" chk w/60 psi FTP and 0 CP. MAR 9 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 86 BO, 1 BW and 87 MCF gas on 29/64" chk w/100 psi FTP and 0 CP. MAR 1 0 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr tests, well flowed as follows:

Date	BO	BW	Gas	Chk	FTP
3/10	74	1	58 MCF	29/64"	60 psi
3/11	85	0	61 MCF	29/64"	60 psi
3/12	86	1	58 MCF	29/64"	65 psi

MAR 1 3 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 80 BO, 6 BW and 48 MCF gas on 29/64" chk w/60 psi FTP. MAR 1 4 1972

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Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Flowing. On 24-hr test, well flowed 58 BO, 0 wtr and 61 MCF gas on 29/64" chk w/60 psi FTP. MAR 1 5 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, flowed 98 BO, 4 BW w/100 psi FTP. FEB 2 3 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test well flowed 77 BO, 4 BW, and 305 MCF on 29/64" chk w/50 psi FTP. FEB 2 4 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 77 BO, 2 BW, and 366 MCF on 29/64" chk w/150 FTP. FEB 2 5 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr tests, well flowed as follows:

Date	BO	BW	MCF	Chk	FTP
2/25	41	9	334	29/64"	90
2/26	83	0	322	29/64"	140
2/27	72	1	103	29/64"	130

FEB 2 8 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 63 BO, 0 wtr, and 243 MCF on 29/64" chk w/ 50 psi FTP and 0 CP. FEB 2 9 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 90 BO and 0 wtr on 29/64" chk w/50 psi FTP and 0 CP. MAR 1 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 75 BO and 2 BW on 29/64" chk w/ 50 psi FTP and 0 CP. MAR 2 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test, well flowed 80 BO, no wtr and 344 MCF on 29/64" chk w/ 60 psi FTP and 0 CP. MAR 3 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP) Flowing well to btry
SI well for one hr. RD Ford Tool Co. 1 hr SITP 300 psi.
Well flowed 28 BO, 49 BLW, and 52.9 MCF gas in 23 hrs
on 36/64" chk w/FTP 60. FEB 1 1 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing to tank btry.
On 2/11, flowed 75 BO, 23 BLW and 240.7 MCF gas on
36/64" chk w/60 FTP. On 2/12, flowed 68 BO, 11 BLW,
and 285 MCF gas on 35/64" chk w/FTP 60. On 2/13,
flowed 84 BO, 7 BLW, and 275 MCF gas on 36/64" chk
w/80 FTP. FEB 1 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). No report. FEB 1 5 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing.
On 24-hr tests, rates as follows:

Date	BO	BW	MCF	Choke	FTP	CP
2-14	56	5	266	36/64	50	0
2-15	97	5	302	36/64	60	0

FEB 1 6 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test,
flowed 105 BO and 5 BW. FEB 1 7 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr test,
well flowed 52 BO, 3 BW and 337 MCF on 29/64" chk w/50
FTP, 0 CP. FEB 1 8 1972

Shell-Gulf
King Silver
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flowing. On 24-hr tests,
well flowed as follows:

Date	BO	BW	MCF	Chk	FTP	CP
2/18	72	3	371	29/64"	50	0
2/19	98	7	389	29/64"	150	0
2/20	77	11	287	29/64"	140	0
2/21	72	2	270	29/64"	150	0

FEB 2 2 1972

(Cont'd)
psi in 30 min. Pumped back 2 bbls SW to pump truck. RD and moved out pump truck. Installed master gates on wellhead. 15 min SI press, 2150. Op'd well to pit on 12/64" choke and wellhead press dropped to 300 psi in 5 min. Reset choke to 10/64" wellhead press dropped to 0 in 3 hrs. Shut well in for 30 min, wellhead press increased to 200 psi. Op'd well to pit and wellhead press dropped to 0 in 5 min. Started swabbing and swabbed 30 bbls SW in 4 hrs. FL rose to 5,000 from 4800' last run. Shut well in for 12 hrs, wellhead press built to 150 psi in 12 hrs. Op'd well to pits on 12/64" chk. Wellhead press dropped to 0 in 3 hrs. Shut well in. RD completion rig. Installed permanent lines. Hauled in wtr for acid trtmt and heated all wtr to 100°F. Released rig 5:30 p.m. 2/6/72. FEB 7 197

Shell-Gulf-King Silver Ute 1-26A4
5½" liner @ 14,598'

13,820
TD 14,600. PB 13,520 (CIBP). Preparing to flow test well. SITP 1850 psi.
Acid treated w/total of 34,500 gals reg 7½% Dowell HCl as follows: pumped 6500 gals 7½% HCl containing 390# Wide-Range Unibeads, 19½ gal F-52, 19½ gal A-170, 13 gals W-27, 19½# J-120, followed by 500 gal 7½% containing 250# OS-160 Wide-Range Unibeads, 1½ gals F-52, 1½ gals A-170, 1 gal W-27 and 1½# J-120. Repeated above steps three times, followed by 6500 gals 7½% HCl containing additives as above. Flushed w/10.2#/gal SW containing 50# J-133. Max press 9100, min press 7500, avg press 8700. Max rate 15 B/M, min 9 B/M, avg 14½ B/M. ISIP 7500 to 4200, to 3900 in 30 min, to 3600 in 2 hrs. (Load 934 bbls). FEB 8 1972

Shell-Gulf-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

13,820
TD 14,600. PB 13,520. (CIBP). Prep to open well. SITP 500. Op'd well to pit. Well had oil in top of tbg. Turned well to treater and flowed to treater for two hrs on 14/64" chk w/FTP dropping to 200 psi. No oil to tanks; well flowed load wtr and acid wtr. Turned well back to pit for eight hrs. FTP decreased to 20 psi. Estimated well flow - 10 BO and 75 BLW. FEB 9 1972

Shell-Gulf-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. PB 13,520 (CIBP). Flwg to btry. Heated Xmas tree to enable well to flow. Flowed well to pit w/steady ½" stream for two hrs w/0 FTP. SI well. RU Ford Tool to swab. 1½ hr SITP 700 psi. Op'd well to pit flowing est 6 BLW/H w/0 TP for two hrs. SI for 5 min. TP 100 psi. Op'd well to pit. Had total of 8 swab runs w/good gas blow. Est flowed and swabbed 50 BLW and 10 BO in 10 hrs. Turned well to treater 6 p.m. In 13 hrs, flowed 22 BO, 12 BLW and no gas on 36/64" chk w/FTP 90. FEB 10 1972

Shell-Gulf-King Silver Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). RU Welex to perf. Ran 377 jts 2 7/8" EUE 8rd N-80 tbg w/(1) 4' sub, 1 jt below sfc. Stung into Model "D" @ 11,745. Set 15 points weight on pkr and pulled 15 points wt to test pkr. Unlatched from on-off connector and picked up 15'. Reverse circulated salt wtr and added 13 qts Visco M-13C/50 bbls salt wtr and 10 lbs Nalco 3601 per 200 bbls salt wtr. Lined the tbg on donut w/3000 lbs set-down weight on pkr. Ran 2.35 rabbit to 11,000' on sdline. Pulled rabbit, removed BOP's and installed tree. Press tested tbg at tree to 9,000 psi for 15 min, held ok. Press tested csg to 2000 psi for 15 min, held ok. RU Marshall WL service & knocked out expendable plug @ 11,745. RD & moved out Marshall WL service. FEB 3 1972

Shell-Gulf-King Silver Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Preparing to continue perforating. RU Welex to perf; unable to get through tree due to paraffin buildup. Tied in heat string w/ temporary piping; plugged up heat string system. Warmed up tree w/steam and made two runs w/300' of swab line to clean off paraffin. On perf run #1, perf'd 12,760-12,770 and 12,800-12,816 w/2 jets per foot using Welex select fire, 2" steel tube sidewinder gun. Press before 1st shot @ 12,760-12,770 - 1200 psi. Press after shooting 1000 psi. Press before and after 2nd shot 12,800-12,816 - 1200 psi. Pulled out of hole. Made 2nd perf run and perf'd 13,000-13,006. Press before and after shot - 1200 psi. Remaining 3 shots misfired. Pulled out of hole. FEB 4 1972

Shell-Gulf-King Silver Ute 1-26A4
5½" liner @ 14,598'

TD 14,600. PB 13,820 (CIBP). Preparing to acid treat. Perf'd 13,132-13,140. Press before perforating 1200 psi, press after perforating 1100 psi. Perf'd 13,238-13,246. Press before perforating 1100 psi, press after perf'g 1,000# Perf'd 13,326-13,330. Press before and after perf'g 1000 psi. Pulled out of hole. On #2 perf 13,400-13,409. Press 800 psi before and after perf'g. Perf'd 13,502-13,508. Press before perf'g 800 psi, press after perf'g 600 psi. Perf 13,524-13,530. Press 600 psi before and after perf'g. Perf 13,578-13,586. Press 600 psi before perf'g, 500 psi after perf'g. Pulled out of hole. All perfs perf'd using Welex 2" steel tube sidewinder gun w/2 jets/ft. Rigged down and released Welex. Laid temporary line to pits and broke down perfs w/salt str. Perfs broke down at 4800 psi. Pumped in 25 bbls salt wtr at 2½ B/M at 4500 psi. Immediate press drop to 4,000 psi, to 3500 FEB 7 1972

(Cont'd)

Shell-Gulf-King Silver Ute 1-26A4 (D) Ford Tool Co. 5½" liner @ 14,598'	TD 14,600. PB 14,463. Preparing to run tbg w/4 3/4" bit and 5½" csg scraper. Milled over Model "D" pkr. Pulled tbg, drill collars, jars, and packer picker. Left approx 40% of bottom gauge ring and skirt in hole. JAN 2 7 1972
Shell-Gulf-King Silver Ute 1-26A4 (D) Ford Tool Co. 5½" liner @ 14,598'	TD 14,600. PB 14,463. Preparing to bleed off tbg pressure. Ran csg scraper on tbg; could not work through liner top at 11,834 w/scraper. Rotated and reverse circulated, but could not get through liner top. Formation charged up while circulating. Bled tbg back for 2 hrs. SITP after bleeding back for 2 hrs 200 psi. Pumped 35 bbls SW down csg and 15 bbls SW down tbg. SICP 200 psi, SITP 200 psi after pumping. Waited 10 hrs for pressure to dissipate. At end of 10 hrs, SICP 0, SITP 180 psi. JAN 2 8 1972
Shell-Gulf-King Silver Ute 1-26A4 (D) Ford Tool Co. 5½" liner @ 14,598'	TD 14,600. PB 14,463. RU hot oiler. 12 hr SITP 250, SICP 250. Bled off tbg and csg to zero. Displaced tbg volume to mud tanks with reverse circ. Pulled tbg. Picked up 4 1/8" bit, 5½" csg scraper, hydraulic jars, and bumper sub and ran in on 2 7/8" tbg. Heavy drilling for 25' at top 5½" liner at 11,834. Ran in w/bit to 13,910'. Started out of hole, 12-hr SITP 75, SICP 0. Bled off JAN 3 1 1972 to mud pit. Pulled tbg,jars, scraper and bit. Set CIBP at 13,850. On wireline dumped 1½ sx regular cmt on top of CIBP. Had trouble getting through wax at 50'. Ran 250' 2 7/8" tbg and circulated gelled oil off top. Attempted to make second run w/bailer but would not go thru oil in BOP.
Shell-Gulf-King Silver Ute 1-26A4 (D) Ford Tool Co. 5½" liner @ 14,598'	TD 14,600. PB 13,820 (CIBP) Prep to run prod tubing. MI&RU hot oiler. Cleaned oil from top of csg and BOP's. Ran dump bailer on WL and dumped 1½ sx reg cmt on CIBP at 13,850 (new PBTD 13,820). Tested BP to 2,000 psi, ok. On WL ran 7 7/8" retrieva "D" and set w/top of pkr at 11,745'. Rigged down and moved out Welex. MI&RU csg crew to run 5½" csg heat string. Ran 5500' 5½" K-55 14# csg and landed on donut. Removed BOP's. RD and MO csg crew. MI&RU hot oiler and circ down 9 5/8" csg and out 5½" csg to remove congealed oil. FEB 1 1972
Shell-Gulf-King Silver Ute 1-26A4 (D) Ford Tool Co. 5½" liner @ 14,598'	TD 14,600. PB 13,820. (CIBP). Running production tbg. Removed 5½ x 2 7/8 swage. Packed off 5½" heat string in tbg spool. Installed 6" 10,000 psi BOP and 3,000 psi stripping head. Laid down 74 jts 2 7/8" N-80 tbg and started running production tbg w/Baker latch-in seal assembly, 2 seal units, expendable plug on bottom of tbg. Testing tbg to 7500 psi every 30 jts w/Dowell pump truck. FEB 2 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 14,463. Prep to pull tbg. (RRD 12/8/71). Well was SI; would not sustain production. SITP 800 psi. Op'd well to battery and flowed 194 BO and 14 BW in three hrs and FTP decreased to 60 psi. MI&RU Ford Tool Co. 1/18/72. MI&RU Hal and pmpd 80 bbls 10#/gal SW down tbg. Max press 1200 psi. Tbg on vac when finished pumping. SI well. Tbg on slight vac after 13 hr SI. Installed Cameron backpress valve in tbg donut. Removed Xmas tree and installed 6" 5,000 psi working pressure hyd BOPs. JAN 2 0 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 14,463. Prep to mill over and rec pkr. Screwed pickup sub into donut. Press tested BOP's to 2500 psi, ok. Installed back press regulator on csg valve and set at 1400 psi. Ran line to pit. Picked up tbg and released from Model "D" pkr. Pulled out of hole with production tbg. Removed BOP and tbg spool. Installed 10" 5,000 psi hydraulic BOP's. RU to pull 5½" csg heat string. Pulled 5500' 5½" csg and laid down. JAN 2 1 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 14,463. No report due to communication problem. JAN 2 4 1972

Shell-Gulf-King Silver
Ute 1-26A4
(D) Ford Tool Co.
5½" liner @ 14,598'

TD 14,600. PB 14,463. Prep to run in w/pkr picker, 4 3/4" DC's and jars on 2 7/8" tbg.
On 1/21, ran 2 7/8" N-80 tbg w/Bkr 7 7/8" pkr picker. Milled on Model "D" pkr at 11,775.
On 1/22, milled on Model "D" and unable to circ hole. Pmpd into formation at ¼ B/M to cool mill.
On 1/23, milled on Model "D" and unable to circ at ¼ B/M - no progress on drlg out Model "D" in last six hrs.
On 1/24, pulled 2 7/8" tbg and 7 7/8" pkr picker. JAN 2 5 1972

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Ford Tool Co.
5½" liner at 14,598'

TD 14,600. PB 14,463. Milling on pkr. Ran tbg w/(4) 4 3/4" DC's, Johnston hyd jars, Bkr pkr picker w/new shoe (shoe #2). Milled on pkr for two hrs. Picked up tbg, bled jars off, and pulled 25 points over weight of string; pkr would not pull JAN 2 6 1972 loose. Cocked jars and set off 5 points above weight of string; pkr did not come loose. Attempted to recock jars; jars would not recock. Resumed milling.

RECOMPLETION PROGNOSIS
SHELL ET AL 1-26A4
SECTION 26-1S-R4W
DUCHESNE COUNTY, UTAH

PERTINENT DATA:

ELEV: 6475' GL
5½" liner drifted to 4.736"
Min tbg ID 2.250"
Baker Model "D" pkr @ 11,775'

Well incapable of producing at economic rates following two remedial acid treatments of interval from 13,928-14,013.

PURPOSE:

Abandon intervals now open to production by setting and capping a cast iron bridge plug. Test the Miles equivalents, and if necessary, as many as two shallower groups of intervals.

PROCEDURE: (Depths refer to Dual Induction Laterolog dated May 5, 1971)

1. Load hole with Moab brine.
2. Pull tubing and heat string and mill and fish Model "D" at 11,775' w/pkr plucker.
3. Set a WL CIBP at 13,850'. Cap with 30' cmt (three sx). Test casing and BP to 3,000 psi.
4. Set a 7 5/8" Retrieva "D" pkr w/flapper at 11,745' on electric line.
5. Rerun, land, and pack-off the heat string.
6. Rerun production equipment. Test tbg to 7500 psi while running. Load hole with Moab brine treated as follows: 83 lbs KCl, 6½ qts Tretolite K-700 or Visco M-15-C and 1¼ lbs Tretolite K-470 or Visco 3601 (pulverized) per 1,000 gal brine.
7. Land tubing with 0-5,000 lbs weight on pkr. Install 10,000 psi tree. Test pkr seals and cement capped BP to 9,000 psi.
8. Perforate the following intervals through lubricator with 2 holes/foot starting at 12,760' and finishing at 13,586':

12,760-70	13,326-30
12,800-16	13,400-09
13,000-06	13,502-08
13,132-40	13,524-30
13,238-46	13,578-86

Any of the following stock DECENTRALIZED (unidirection) perforating guns may be used (a select firing device is optional):

   a. Western's 2" steel tube Wesjet Magnum
   b. McCullough's 2" steel tube Omega Jet
   c. OWP's 2" steel tube Gowinder
   d. Welex's 2" steel tube DP Sidewinder
   e. Dresser Atlas' 2" steel tube Slimkone
   f. Schlumberger's 2" Scallop Hyperjet
9. Production test and run production logs as warranted.

10. Contingent upon testing and logging results, stimulate well as follows:
    a. Pump 6,500 gal 7½% HCl containing 390 lbs OS-160 Wide-Range Unibeads followed by 500 gal 15% HCl containing 250 lbs OS-160 Wide-Range Unibeads.
    b. Pump acid and beads as in Step a.
    c. Pump acid and beads as in Step a.
    d. Pump acid and beads as in Step a.
    e. Pump 6,500 gal 7½% HCl containing 390 lbs OS-160 Wide-Range Unibeads.
    f. Pump 5,000 gals fresh brine containing 10 lbs J-133 per 1,000 gal.
    g. Shut in overnight.

    Note: Distribute Unibeads evenly throughout the acid. Treat each 1,000 gal HCl with the following additives: 3 gal HC-2, 3 gal HAI-50, 2 gal 3N, 10 lbs WG-7, and if required, a nonemulsifier. Treat at about 10 B/M - do not exceed an inj press of 10,000 psi. Hold 3,000 psi on tbg-csg annulus. Heat all fluid used in Step 10 to 80°F.
11. Place well on production. Run production logs as warranted.

IN THE EVENT THE FOREGOING PROCEDURE FAILS TO PRODUCE SATISFACTORY RESULTS, PROCEED AS FOLLOWS:

12. Shoot hole in tubing and circulate hole to packer with 14 ppg mud.
13. Pull tubing and heat string.
14. Pull Bkr Retrieva "D" pkr at 11,745'.
15. Set a WL CIBP at 12,700'. Cap with 30' cmt (three sx).
16. Test capped BP with 3,000 psi. If necessary, place 30' cmt (three sx) on cap. WOC 24 hrs and retest.
17. Run a fullbore 7 5/8" retrievable pkr (2.416" ID) and a 5½" retrievable BP on 3½" OD 9.3# N-80 tubing (test to 7,500 psi while running). Place the BP @ 12,270'. Set the pkr at 11,700'. Test pkr, csg hanger, and BP to 7,500 psi. Hold 3,000 psi on annulus while testing.
18. Prepare 1,000 bbls of a 10.8 ppg calcium chloride water workover fluid. (May be purchased from Van Waters & Rogers of Denver for $11,500±. Need one to two weeks lead time).
19. Displace mud with fresh water until returns are clean - displace fresh water with workover fluid.
20. Perforate from 12,194' to 12,222' with one hole per foot using 5,000 psi (or better) WP pressure control equipment. Any of the following guns may be used DECENTRALIZED (unidirection):
    a. McCullough's 2" steel tube Omega jet
    b. Western's 2" steel tube Wesjet Magnum
    c. Dresser Atlas' 2" Hollow Carrier Slimkone
    d. OWP's 2" steel tube Gowinder
    e. Welex's 2" steel tube DP Sidewinder
    f. Schlumberger's 2" scallop no plug
21. Contingent upon rates and cuts, fracture treat gross perf 12,192'-12,224' as follows:
    a. Unseat the retrievamatic pkr and displace 9,300 gal fresh water containing 83 lbs KCl, 250 lbs NaCl, 50 lbs WAC 16 and 20 lbs WG-7 per 1,000 gal plus nonemulsifiers, if required, to the pkr. Set the retrievamatic pkr.

b. Pump 10,000 gal fresh water containing 83 lbs KCl, 250 lbs NaCl, 25 lbs WAC-9, and 80 lbs My-T-Frac gelling agent per 1,000 gal plus nonemulsifiers as required.
c. Pump 30,000 gal of fluid as in Step (b) containing 3/4 lb 12-20 Ucar props per gal.
d. Pump 9,300 gal workover fluid containing 20 lbs WG-7 per 1,000 gal.
e. Shut down overnight.

Note: Steps b, c, and d, are to be carried out at fracturing rates and pressures. Treat @ max rate possible w/±8500 psi inj press. Shoot for minimum 14 bbls/min. If required, press may be increased but in no case exceed 10,000 psi. Hold 3,000 psi on tbg-csg annulus. Heat all fluids to 80°F. Use 20,000 psi rated pumping equipment.

22. Bleed off pressure. Set the retrievable BP at 11,950'. Set the retrievamatic pkr at 11,250'.

23. Through lubricator perforate one hole at each of the following depths:

11,310	11,538
11,364	11,608
11,378	11,648
11,420	11,658
11,434	11,737
11,480	11,761

Any of the following guns may be used DECENTRALIZED (unidirection) provided the stand-off and/or charge design can be adjusted to give a 0.29" diameter entrance hole.

a. McCullough's 2" steel tube Omega Jet
b. Western's 2" steel tube Wesjet Magnum
c. Dresser Atlas' 2" hollow carrier Slimkone
d. OWP's 2" steel tube Gowinder
e. Welex's 2" steel tube DP Sidewinder
f. Schlumbergers 2" scallop no plug jet.

24. Fracture treat gross perfs 11,310-11,761 as follows:
a. Unseat the packer and displace 9,300 gal fresh water containing 83 lbs KCl, 250 lbs NaCl, 50 lbs WAC 10, and 20 lbs WG-7 per 1,000 gal, plus nonemulsifiers, if required, to the pkr. Set the retrievamatic pkr.
b. Pump 10,000 gal fresh water containing 83 lbs KCl, 250 lbs NaCl, 25 lbs WAC-9, and 80 lbs My-T-Frac gelling agent per 1,000 gal plus nonemulsifiers as required.
c. Pump 30,000 gal of fluid as in Step (b) containing 3/4 lb 12-20 Ucar props per gal.
d. Pump 9,300 gal workover fluid containing 20 lb WG-7 per 1,000 gal.
e. Shut in overnight.

Note: Steps b, c, and d, are to be carried out at fracturing rates and pressures. Treat at max rate possible w/±8500 psi inj press. Shoot for minimum 14 bbls/minute. If necessary, press may be increased but in no case exceed 10,000 psi. Hold 3,000 psi on tubing casing annulus. Heat all fluids to 80°F. Use 20,000 psi rated pumping equipment

25. Control well with workover fluid and pull 3½" frac string, retrievamatic pkr, and retrievable BP.
26. Set a 7 5/8" Bkr Model "D" pkr w/flapper at 11,725' on a WL.
27. Rerun, land, and pack-off heat string.
28. Rerun the production equipment to the pkr.
29. Displace and save the workover fluid with Moab brine treated as follows:
a. 13 qts of Tretolite K-700 or Visco M-15-C per 50 bbls.
b. 10 lbs Tretolite K-470 or Visco 3601 (pulverized) per 200 bbls.

30. Sting into pkr. Space out for landing with 0 to 5,000 lbs set down weight.
31. Place well on production.

Attachment - well diagram

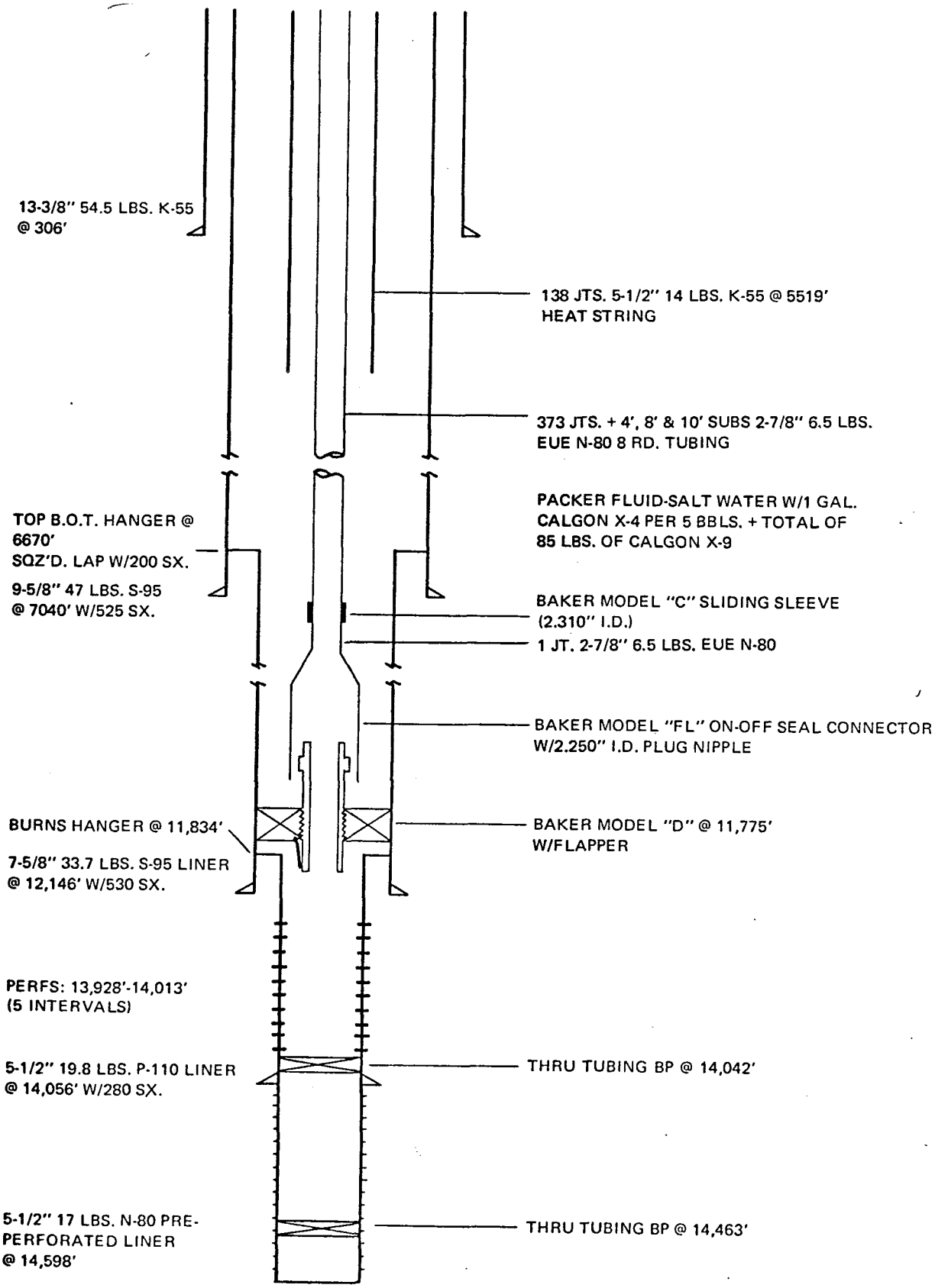
NJM:ch
12/21/71
DIV. O. E. 1/5/72
DIV. P. E. 12/21/71
Concur: 12/21/71
Manager Engineering

C. A. Wischoff
Production Foreman

Z16-1545-E

UTE 1-26A4
ELEV. 6476 K.B.
K.B.-G.L. = 19'-0"

AS COMPLETED
SEPT. 28, 1971



BY: J.D.G.

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Flowing. Op'd well after acid job 2 p.m. 11/10/71. Flowing time - 17 hrs, 294 BO and 289 BW, gas measurement questionable due to meter malfunction, 29/64" chk, 250 FTP, 0 CP. In last five hrs, flowed 173 BO and 33 BW. NOV 11 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Prep to MI swabbing unit. On 9-hr test, flowed 106 BO, 0 BW, and 33 MCF on various chks from 200 to 0 psi and died. 15-hr SI buildup - 325 psi. Op'd well and bled off in 10 mins. NOV 12 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Prep to reswab. On 11/12, SI 24 hrs; well dead. On 11/13, MI swabbing unit. Swabbed to pit and well kicked off and flowed approx 2 hrs. On 11/14, SITP 450. Op'd well and flowed to battery at rate of 80 BO and 1 BW with no measurable amount of gas on open chk at 450-0 FTP in three hrs. SITP this AM 200 psi. NOV 15 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Shut in. SITP-200 NOV 16 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Shut in. Shut in 24 hrs. (Rept disc until further activity) NOV 17 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'

TD 14,600. PB 14,463. Shut in.
On 12/7/71, MI&RU Schl. SITP 800 psi. Made dummy run. Had btm hole fillup at 14,005'; sticky. Pulled out of hole. Pumped in 30 BO at 1 B/M. Pump press - 550 psi. Tracer tool failed on btm. Pulled out of hole. Pumped in additional 23 BO in 70 min while tripping tools.
On 12/8/71, hot oiled Xmas tree. Ran radioactive tracer survey while injecting oil at rate of 2/3 B/M w/500 psi. Survey indicated 100% of injected fluid entering and remaining in perforations from 13,928 to 13,945'. (Rept disc until further activity) DEC 8 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at I4,598'	TD 14,600. PB 14,463. MI Schl to run "plus plug". NOV 2 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. WOC. MI&RU Schl. Ran dummy run. Ran and set plus plug at 14,042 (center of plug). Ran one cement dump run. NOV 3 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. SI; WOC. NOV 4 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. WOC. Down 24 hrs. NOV 5 1971 Made four cmt dump runs - calculated fillup to 14,021'.
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. Prep to pump against PBTD to check for plug movement prior to acid job. On 11/5, SI. Checked PBTD. Cmt fillup checked by Schl at 14,016. On 11/6, SI 24 hrs. On 11/7, SI 24 hrs. NOV 8 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. SI. RU Schl and checked PBTD at 14,016 (clean pickup). RU Hal and pumped 45 BO at 3,000 psi. Rechecked PBTD at 14,013 (sticky). NOV 9 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. PB 14,463. Well SI; will open at noon today. MI&RU Hal 11/9/71. Tested all lines to 10,000 psi. Acid treated gross perfs 13,928-14,013 w/10,000 gal reg 15% HCl containing 200# WD-6, 20 gal HAI-50, 30 gal HC-2, 20 gal 3-N, 100# OS-160 Button & 500# OS-160 Wide-Range Unibeads evenly distributed throughout acid with no Unibeads in first or last 500 gal acid. Flushed w/5200 gal fresh wtr containing 100# WG-6. All fluids preheated to 125°F. Held 2800 psi on tbg-csg annulus during job. Max press 10,000 psi, min press 8800 psi, avg press 9100 psi. Max rate 10½ B/M, min rate 10 B/M, avg rate 10 B/M. Immediate press drop from 8600 to 4100, to 1200 in 30 min. (Load 371 bbls). Job started 11:45 a.m. Job complete 12:49 p.m. 11/9/71. Shut well in. RD and released Hal. NOV 1 0 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. OCT 2 1 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. OCT 2 2 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. OCT 2 5 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. OCT 2 6 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Prep to set plug w/Schl. OCT 2 7 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Prep to rerun tracer survey. SITP 7 a.m. 10-27 - 600 psi. MI&RU Schl. Ran Temperature survey at 233°. Attempted to run tracer survey; tools malfunctioned twice. OCT 2 8 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. Ran spinner survey by Schl. From tracer survey information, fluid movement approx rate of 5 B/D, feeding down. Attempted to run wire line "plus plug"; tool malfunctioned in lubricator shearing plug and dropping cem in lubricator. Cleaned up lubricator. MO Schl. OCT 2 9 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. PB 14,463. Shut in. NOV 1 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,021. Flowing. From 10-8 to 7 a.m. 10-9, flowed 1354 BO, 41 BW, and 975 MCF on 40/64" chk w/280 FTP. CP 0. From 10-9 to 7 a.m. 10-10, flowed 1049 BO, 76 BW and 779 MCF on 35/64" chk w/225 FTP. From 10-10 to 7 a.m. 10-11, flowed 286 BO, 18 BW and 233 MCF. Well died 12:30 a.m. 10-11-71. SI for 7 hrs-TP 325 psi. Began flowing 7 a.m. 10-11-71. OCT 1 1 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,021. Shut in. Attempted to flow well when tbg press reached 400 psi. Well died in ½ hr. OCT 1 2 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,463. SI; WO swbg unit. 12-hr SITP 250 psi. Ran WL to check for PBTD and found to be at 14,463 (WLM) (WLBP). OCT 1 3 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,463 Shut in. OCT 1 4 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,463. Shut in. OCT 1 5 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600'. PB 14,463. Shut in. OCT 1 8 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,463. Shut in. OCT 1 9 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,463. Shut in. OCT 2 0 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. Well dead; prep to set a through-tbg BP. On 24-hr test 9-18-71, flowed 195 BO and 137 MCF gas on 16/64" chk w/200 psi FTP. On 9-19-71, TP dropped and well died. (Disc until further activity.) SEP 2 0 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,021. Prep to flow test upper zone 13,928-14,013. (RRD 9-20-71) Ran tracer survey. Established flow rate of 22+ bbls fluid/day from lower OH section to upper perf sets. Made dummy BP run. Ran & set through tbg plug in 5½" liner at 14,040'. Made additional cmt dump run on 10-1-71. Made 5 additional cmt dump runs 10-2-71. Plug top on first run 10-2-71 at 14,046, plug had gone down hole approx 6'. Total cement fillup to 14,021'. SI; WOC. OCT 4 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600'. PB 14,021. Prep to acidize. Information on 24-hr flow test to be reported on tomorrow's report. OCT 5 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4	TD 14,600. PB 14,021. Prep to prod test. Acidized well w/10,000 gals 15% HCl containing 200# WG-6, 20 gals HA-150, 30 gals HC-2, 20 gals 3-N, 600# OS-160 Unibeads (500# Wide-Range and 100# Button) evenly distributed throughout acid treatment. Flushed w/5200 gals fresh wtr containing 100# WG-6 evenly distributed throughout wtr. All fluids heated to 140° temp. Acidized perfs 13,928-14,013. Max trtg press - 9100 psi, min - 1400 psi, avg - 7400 psi, final - 1400 psi. Immediate press drop to vacuum. Avg rate 10.6 B/M. Avg HP 1912, max HP 2240. Job complete 11:30 AM 10-5-71. 24-hr test prior to acidizing - 713 BO and 1602 MCF on 26/64" chk w/FTP 500 psi. Press prior to opening well to flow - 525 psi. Press at 6 AM 10-6-71 - 0 psi.
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600'. PB 14,021. SI. Press 0 psi. MI&RU Colo Well Service unit to swab well. OCT 7 1971
Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4 (D) 5½" liner at 14,598'	TD 14,600. PB 14,021. MI&RU Colo. Well Serv swbg unit. Swbd well off. Flowed wtr to pit and turned to battery. On 15-hr test, flowed 468 BO w/378 MCF gas on 24/64" chk w/FTP 625 psi. OCT 8 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test well flowed 367 BO, no water, and 301 MCF gas on 21/64" chk w/210 psi TP. SEP 8 1971

Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. Prod 363 BO and 298 MCF gas in 24 hrs on 21/64" chk w/250 psi FTP. SEP 9 1971

Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, flowed 343 BO and 292 MCF gas on 21/64" chk w/250 psi TP. SEP 10 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600'. Flowing.
On 24-hr tests, flowed as follows:

Date	BO	MCF	Chk	FTP
9-10	335	293	21/64"	275
9-11	335	258	20/64"	225
9-12	297	255	20/64"	215

SEP 13 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, flowed 268 BO and 234 MCF gas on 21/64" chk w/250 FTP. SEP 14 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, well flowed 235 BO, 205 MCF gas on 21/64" chk w/225 FTP. SEP 15 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600. Flowing. On 24-hr test, flowed 229 BO and 200 MCF gas on 19/64" chk w/200 psi FTP. SEP 16 1971

Shell-Gulf-Sabine Explor.-King Silver-Ute 1-26A4
(D)
5½" liner at 14,598'

TD 14,600'. Flowing. On 24-hr test, well flowed 209 BO and 174 MCF gas on 17/64" chk w/210 psi FTP. SEP 17 1971

Shell-Gulf-Sabine Explor.-King Silver- Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing on test. Pulled BHPS. Flowed 441 BO and 347 MCF gas in 17 hrs on 30/64" chk w/FTP 270 psi. AUG 2 6 1971
Shell-Gulf-Sabine Explor.-King Silver- Ute 1-26A4 (D) 5½" liner @ 14,598"	TD 14,600. Flowing on test. Produced 592 BO and 477 MCF gas in past 24 hrs on 30/64" chk w/280 psi FTP. AUG 2 7 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. 8-27 Prod 551 BO and 446 MCF gas in 24 hrs on 28/64" chk w/280 FTP. 8-28 Prod 497 BO and 403 MCF gas in 24 hrs on 28/64" chk w/290 FTP. 8-29 RU (OWP). 240 psi FTP on 24/64" chk. Perf 13,928-945, 13,962-969, 13,977-983, 13,989-995 & 14,011-013 w/two 28 gram ceramic jets/ft. Controlled wellhead press at 800 psi during perf. Final perf press 1100 psi on 35/64" chk. RD (OWP). Returned well to prod at 5:30 p.m. 8-29-71. 8-29 Prod total of 1,459 BO and 2400 MCF gas on 20/64" chk w/2550 psi FTP. AUG 3 0 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. Prod 1075 BO and 675 MCF gas in 24 hrs on 33/64" chk w/250 psi FTP. AUG 3 1 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. Prod 793 BO and 585 MCF gas in 20½ hrs on 31/64" chk w/200 psi FTP. SEP 1 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. Prod 692 BO and 545 MCF gas in 24 hrs on 28/64" chk w/185 psi FTP. CORRECTION: 8-29 - Prod 902 BO and 425 MCF gas in 21 hrs on 23/64" chk w/600 psi FTP. SEP 2 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. Prod 600 BO and 495 MCF gas in 24 hrs on 27/64" chk w/200 psi FTP. SEP 3 1971
Shell-Gulf-Sabine Explor.-King Silver Ute 1-26A4 (D) 5½" liner @ 14,598'	TD 14,600. Flowing. Prod last 96 hrs as follows: SEP 7 1971 9-3 - 24 hrs, 522 BO and 410 MCF gas on 25/64" chk w/220 FTP. 9-4 - 24 hrs, 489 BO and 378 MCF gas on 23/64" chk w/200 FTP. 9-5 - 24 hrs, 430 BO and 343 MCF gas on 22/64" chk w/200 FTP. 9-6 - 24 hrs, 413 BO and 331 MCF gas on 22/64" chk w/170 FTP.

Shell-Gulf-Sabine
King Silver Explor.-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, produced 843 BO and 679 MCF gas on 35/64" chk w/280 psi FTP. AUG 13 1971

Shell-Gulf-Sabine
King Silver Explor.-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing.
On 24-hr tests, well flowed as follows:

Date	BO	MCF	Chk	FTP (psi)
8-13	755	615	34/64"	255
8-14	700	573	33/64"	250
8-15	649	527	31/64"	250

AUG 16 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" Liner at 14,598'

TD 14,600. Flowing. On 24 hr test, well flowed 633 BO and 481 MCF gas on 34/64" chk w/270 psi FTP. AUG 17 1971

Shell-Gulf-Sabine
Explor.-King Silver
Ute 1-26A4
(D)
5½" Liner at 14,598'

TD 14,600. Flowing. On 24 hr test, well flowed 652 BO and 543 MCF gas on 32/64" chk w/260 psi FTP. AUG 18 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 23-hr test, well flowed 582 BO and 448 MCF gas on 31/64" chk w/260 psi FTP. AUG 19 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. Flowing. On 24 hr test, well flowed 571 BO & 438 MCF gas on 29/64" chk w/265 psi FTP. AUG 20 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" liner @ 14,598

TD 14,600. SI for BHPS.
On 8-21, on 22 hr test, well flowed 500 BO and 383 MCF gas on 36/64" chk w/250 psi FTP.
On 8-22, SI well and ran press bomb for BHPS. AUG 23 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. SI for BHPS.
AUG 24 1971

Shell-Gulf-Sabine
Explor.-King Silver-
Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600'. SI for BHPS. AUG 25 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Flowing. On 24-hr tests well flowed as follows: 8/6/71, 1214 BO, and 986 MCF gas on 37/64" chk w/340 psi FTP. 8/7/71, 1109 BO and 921 MCF gas on 37/64" chk w/310 psi FTP. 8/8/71, 993 BO and 832 MCF gas on 36/64" chk w/285 psi FTP. AUG 9 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, flowed 830 BO, 0 BW, and 650 MCF on 35/64" chk w/275 FTP. AUG 10 1971

Shell-Gulf-Sabine
Explor-Ute 1-26A4
(D)
5½" liner @ 14,598'

TD 14,600. RU OWP; prep to run tracer survey.
On 24-hr test, flowed 837 BO, 671 MCF gas on 22/64" chk w/285 FTP. AUG 11 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" liner @ 14,598'

TD 14,600. Flowing. SI @ 7:15 a.m. 8/11/71 (OWP). Well was flowing at 275# FTP on 33/64" chk @ SI time. RU OWP, mast truck, tracer truck, and logging truck. Op'd well to 33/64" chk @ 8:45 a.m. Well had built up to 895# tbg press in 90 mins at SI time. Ran in hole w/1 11/16" sinker bars and mechanical jars. Ran to 1,000'; picked up 50'. No indication of paraffin. Ran to 1150 - picked up 50' w/no indication of paraffin. Tool ran at uneven rate from 1150-1934. No indication of paraffin on pickup at 1295, 1350, 1500, and 1950. Ran to 2000' and picked up 50' w/no indication of paraffin. Same @ 3000, 4000, 5000, & 6000'. Corrected odometer reading to pkr at 11,775. Ran to 14,516 PBTD; had 82' fillup. Pulled out of hole w/sinker bars and jars. SI fpr 25 mins. While picking up logging tools, well built up from 380# FTP to 735# SITP in 25 mins. Ran dual GR tracer logging tool. Made full velocity shots w/tracer material @ 13,996, 14,040. Made tracer velocity shots @ 13,990 and 13,950. Had same velocity as @ 14,040 & 14,050. Made tracer shots @ following depths: 14,075, 808, 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350, 375, 400, 425, 450, 475, 500. Made total velocity shots at 14,009, and 13,896. Velocity same as previously. Logging indicates approx 20% fluid coming from 14,100-14,125 and approx 80% of fluid coming from 14,425-14,450. Pulled out of hole. RD OWP. Returned well to production. From 6 a.m. to 7 a.m. 8/11/71, well flowed 30 BO on 33/64" chk w/285# FTP. From 2-3 p.m. 8/11/71, after running of sinker bars and logging tool, well flowed 47 BO on 33/64" chk w/335 FTP. Well was SI total of 2 hrs between 7 a.m. and 12 noon. On 22-hr test, flowed 866 BO, 677 MCF gas on 35/64" chk w/300 psi FTP. AUG 12 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600'. Flowing to battery. Flowed load SW to pit. Flowed drlg mud from under pkr to pit. Flowed well to burn pit for 1 hr to clean up. Switched well to treater at 2 p.m. 7/30/71. Changed chk, stem, & seat before switching to treater. Changed chk, stem, & seat once while flowing to pit from 2 p.m. 7/30/71 to 7 a.m. 7/31/71. Well flowed 919 BO, 768.1 MCF gas,. no wtr. SI press 2 p.m. 7/31/71 - 6624 psi. Flowed well on 8/64" w/4750 psi FTP first 2 hrs. Flowed well on 16/64" chk starting at 4000 psi on 10/64" and dropping to 3100 psi in 9 hrs. Flowed well at 15/64" last 6 hrs. FTP 3600 psi to 3900 psi. Avg rate 66.7 BO/hr. Shut well in at 7 a.m. 7/31/71 to change chk, stem, & seat. On 8/1/71, flowed well to btry. Finished changing chk, stem, & seat. Installed new 10,000# Morris gauge. New gauge showed 400 psi lower press. After first 2 hrs master gauge showed 300 psi lower press than new Morris gauge. Total pressure difference from original wellhead gauge 700 psi lower press. Well flowed a total of 1633 BO in last 24 hrs. 1,183.8 MCF gas (GOR 722), no wtr. Flowed well on 19/64" chk for first 7 hrs Wellhead press decreased from 3800 by original to 2520 psi by master gauge in 7 hrs. Flowed well on 20/64" chk for next 8 hrs. Wellhead press dropped from 2520 to 2280 psi on master gauge. Flowed well on 19/64" chk last 9 hrs. Raised wellhead press from 2280 to 2350 psi last 9 hrs. Gv. 43.7° API. On 8/1/71, flowed total of 1442 BO, no wtr, and 1,031.7 MCF gas (GOR 712), through 21/64" tbg chk w/1810 psi FTP. Hauled 345 bbls, 15.2# mud from mud tanks to storage. Jetted and CO mud pits - tore up connections. AUG 2 1971

(Niobrara?)

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Flowing. On 20½ hour test, flowed total of 1186 BO, 948.960 MCF gas and no wtr on 21/64" chk while rigging down completion rig. Rig released 4 p.m. 8/2/71. Well has flowed a total of 5180 BO, no wtr, 3,832,500 CF gas in 85½ hrs since beginning. Turned well over to Production Department 7 a.m. 8/3/71. AUG 3 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, flowed 1348 BO, 1008 MCF gas on 25/64" chk w/970 psi FTP. AUG 4 1971

Shell-Gulf-Sabine
Explor-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" liner @ 14,598'

TD 14,600. Flowing. On 24-hr test, well flowed 1352 BO, 1175 MCF gas on 34/64" chk w/550 psi TP. AUG 5 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D)
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Flowing.
On 24-hr test, well flowed 1328 BO and 1055 MCF gas on 35/64" chk w/470 FTP. AUG 6 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600'. Circulating inhibited 10.1#/gal SW. Treated w/1 gal Calgon X-9/5 bbls SW w/X-4 Calgon added. Completed mixing mud volume. Circ'd hole for 3½ hrs w/15.5#/gal mud, 49 vis, 0-6 gels. Hydrotested remaining 140 stds tbg in hole. Tested to 7500 psi above slips. Ran 1 (10'), 1 (8'), & 1 (4') pup one stand below head. Spaced out tbg. Circ'd 20 bbls mud at top of tbg plug. Pulled up 5'. Spotted fresh water to btm. Circ'd 50 bbls fresh wtr at top of tbg plug. Pulled up 5'. Circ'd mud out of hole to tanks. Circ'd total of 1100 bbls of fresh water to clean up hole. Started displacing fresh water w/treated SW. JUL 2 8 1971

Shell-Gulf-
Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Attempting to pull FSG plug. Displaced fresh wtr from hole w/treated SW. Latched onto on and off seal connector. Pulled 14,000# over weight of tbg on pkr - ok. Installed tbg and backpress valve. Set on donut w/14,000# set-down wt on pkr. Pulled BOP stack. Installed Xmas tree. Tested csg to 2000 psi w/tbg open for 10 min. No bleed off - no fluid runover from tbg. Tested tbg and tree to 5000 psi w/csg. No bleed off or csg fluid runover. RD Halco. RU White WL service. Made 2 dry runs after equalizing prong; unable to stay on fishing neck. Made third run and recovered prong w/piece of magnesium junk approx 1 3/8" long x 5/8" wide x 3/8" thick laying on top of fishing neck. Several slivers of steel recovered on various runs under fishing tool dogleggs. Made 4 dry runs w/a prong to retrieve plug hull; could not stay on fishing neck. Reran w/Type "B" releasing prong. Could not drive down. Pulled tool out of hole and laid down. 10 hrs buildup to 3150 psi. JUL 2 9 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD14,600. Flowing load SW to pit.
Ran pulling tool w/"A" prong. Could not get onto plug fish. Pulled and ran Type "B" drive-out prong. Worked down to plug but had no jar action. Pulled out. RU Halco. Press'd csg to 2000 psi and tbg to 5250 psi pumping through plug hull into formation. Pmpd total of 3 bbls to displace mud from tbg and below pkr. Reset WL lubricator. Ran "B" prong to btm. Unlatched plug and chased to 12,012' in hvy mud. RD Halco. RD White WL Service. Shut well in. 13-hr SI press = 4175. Opening well at 6:30 a.m. 7/30/71. JUL 3 0 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Mixing and cond mud.
Circ hole w/tbg at 10,200'. Mud weight varying, viscosity 85 - gels 4-20. Circ'd 3½ hrs; added 10 sx thinner. Dropped vis to 52. Gels 0-4. Wt 15.5+#/gal, 3.6% oil, 4% LCM. Ran in w/bit on tbg to 11,750. Circ'd and cond mud for 1 hr at 11,750. Vis 52, wt. 15.5#/gal, gels 0-4, 1 or 2% solids. Pulled 2 7/8" tbg and 4 1/8" bit. Ran in w/prod equip as follows: Bkr 5' prod tube w/double latch-in seal assembly, Bkr FL on and off seal connector w/2.250 FSG blanking plug in place, 1 jt 2 7/8" N-80 tbg, 2.310 ID Bkr Model "C" sliding sleeve in closed position, 373 jts 2 7/8" N-80 tbg w/4', 8', & 10' sub, 2 jts below donut. Landed donut w/10,000# set-down weight. Tested Model "D" w/20,000# pull, 20,000# set-down wt. Production tube at 11,783 - top of Model "D" at 11,775. On and off seal connector at 11,773, sliding sleeve at 11,738'. On 7/25, RU WL Service to pull FSG plug. Unlatched from Bkr on and off seal connector - picked up 10'. Displaced 15.5# mud from hole w/180° fresh wtr using conventional circ until clean on both 2 7/8 x 5½ and 5½ x 9 5/8" annulus. Displaced wtr from hole w/10# SW treated w/1 gal Calgon X-4/5 bbls SW using approx 85 total lbs of Calgon X-9 in entire wtr treatment. Wtr heated to 180°. Circ'd until SW surfaced on 2 7/8 x 5½ and 5½ x 9 5/8" annulus. Pumping time 10 hrs. Removed lines - latched onto tbg on and off seal connector. Tested w/10,000# pull. Landed on donut w/15,000# onpkr. Removed BOP stack - installed 6" 5,000 btm x 10,000 top Cameron Xmas tree. Tested 9 5/8" csg to 2,000 psi for 5 min. w/tbg open - no run over. Tested tbg and tree to 5000 psi for 5 min. w/1000 psi on csg, ok. Ran WL tools to 11,600. Press'd tbg to 4200 psi. Tbg started dropping - csg raised. Repressured tbg - still fell off. Bled csg to 0 and left open. Press'd tbg - established small amount of circulation. Apparent tbg coupling leak. Pulled WL tools and RD. Started hauling mud. Installed back press valve, removed Xmas tree, and installed hydril & BOP's. Mixed and cond 600 bbls mud to 15.5+ #/gal. vis 56, gels 0-4. Unlatched from on and off seal connector. Picked tbg up 11'. Displaced treated wtr into stroage tanks. Conditioned addt'l mud to finish displacement and working volume. JUL 2 6 1971

Shell-Gulf
Ute 1-26A4
(D) Ford
14,200' Wasatch Test
5½" Liner @ 14,598'

TD 14,600. Weighting up mud for circ volume. Displaced wtr from hole w/mud. Pulled tbg and btm hole equip w/exception of latch-in plugged seal assembly. Found btm connection on Model "C" sliding sleeve loose and inner O-ring cut. Picked up new top portion of on and off seal connector and new sliding sleeve as previously and ran in hole. Hydrotested to 7500 psi above floor. Ran in total of 47 stands. Mud gelled badly from SW displacement contamination. Necessary to build additional volume to circulate and condition md.

JUL 2 7 1971

Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 5½" Liner at 14,598'	TD 14,600. MORT/ Released rig @ 4 p.m. 7/16/71. JUL 19 1971
Shell-Gulf-Sabine Explor - Ute 1-26A4 (D) 14,200' Wasatch Test 5½" Liner @ 14,598'	TD 14,600. MORT. JUL 20 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) 14,200' Wasatch Test 5½" Liner at 14,598'	TD 14,600. MI Completion Rig. Cleaned up location. JUL 21 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Ford 14,200' Wasatch Test 5½" Liner @ 14,598'	TD 14,600. Running 5½" csg heat string. Cleaned up location. Removed 10" Cameron BOP's, wear bushing, and installed 10" Scheaffer BOP's. Cleaned wing valves on csg. RU Ford Rig 7/21/71. Tested BOP's to 3500 psi - ok. JUL 22 1971
Shell-Gulf-Sabine Explor.- Ute 1-26A4 (D) Ford 14,200' Wasatch Test 5½" Liner @ 14,598'	TD 14,600. Circulating to 4 1/8" bit at approximately 10,200' to cond mud. Ran 5½" heat string. Ran total of 138 jts (5504.68') 5½" K-55 stnls stl, rg 3, 14# csg and set at 5519' w/btm jts belled. Installed backpress valve. Removed BOP's. Installed 10" x 5,000# working pressure x 6" 5,000# working pressure tbg hanger. Tested packoff. Installed 6" x 5,000# working pressure BOP, X-over spool and hydril. Checked rams. JUL 23 1971 Picked up 4 1/8" bit. Started in hole w/tbg breaking circ every 40 jts. Circ'd at base of 5½" heat string, down 5½" annulus and 9 5/8" annulus to that depth and each 40 jts for approximately 140' intervals as they were run in. Some mud showed as much as 18# slugs coming up. Avg wt 15.2-15.4#.

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
14,200' Wasatch Test
5½" Liner @ 14,598

14,600/80/146/0. Tripping for new 4 5/8" bit to drill.
Cement at 13,946.
Drill stem tested top of 5½"-7 5/8" liner overlap.
Test inconclusive.
Circ LCM out of mud 18 hrs. Closed BOP's and press tested 5½" liner hanger lap to 3500 psi for 52 min, held ok.
Tested liner lap 11,834 to 3500 psi.
Drill stem tested liner lap 11,790-11,814
Blow 2" in bucket before tool op'd due to air and WC bouncing, increased to 4" when tool op'd and decreased to small intermittent bubbles in 15 min, dead in 30 min. SI after 50 min.
SI 1 hr. Op'd tool for 10 min, "dead".
IHP 9512, 50 min IFP 5275, 60 min ISI 5440, 15 min FFP 5292, FHP 9529.
Drld cmt from 11,834-11,854 and 13,582-13,946. JUL 12 1971
Press tested at 13,917 to 2,000 psi, ok.
Mud: (gradient .8060) 15.5 x 54 x 4.4 (LCM 15%) (Oil 1.2%)

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
14,200' Wasatch Test
5½" Liner @ 14,598'

14,600/80/147/0. Tripping in w/cmt scraper to 11,825.
Drld cmt to btm of basket (top of 5" flush jt perforated csg)
Ran DP on btm at 14,599. Circ'd and cond mud 6 hrs - no appreciable amount of gas at sfc. Cut mud wt from 15.5 to 15.2. Tripped out and picked up Bkr csg scraper. Tested 5½" liner at 14,050' w/2,000 psi. JUL 13 1971
Mud: (gradient .8060) 15.5 x 53 x 4.5 (LCM 15%) (Oil 2%)

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
14,200' Wasatch Test
5½" Liner @ 14,598'

14,600/80/148/0. Circ out LCM.
Ran scraper to top of liner hanger. Bond correlation log failed to go below 11,834' (liner top). Picked up tbg and tripped in hole w/4 5/8" bit. No obstruction at top of 5½" liner. JUL 14 1971
Mud: 15.5 x 63

Shell-Gulf-Sabine
Explor-Ute 1-26A4
(D) Brinkerhoff
14,200' Wasatch Test
5½" Liner @ 14,598'

14,600/80/149/0. Prepare to run Baker Model "D" packer & lay down drill pipe.
Treated mud and shook LCM. Ran CCL, GR and Bond logs (McC).
Mud: (gradient .8060) 15.5 in 15.3 out x 50 x 5 (LCM .03%) (Oil 1%). JUL 15 1971

Shell-Gulf-Sabine
Explor. -Ute 1-26A4
(D) Brinkerhoff
14,200' Wasatch Test
5½"Liner @ 14,598'

14,600/80/150/0. Pumping mud to storage tank & removing hydril. Preparing to clean mud tanks.
Set Bkr Model "D" pkr @ 11,775'. Laid down 2 7/8" tbg, 3½" & 5" DP. JUL 16 1971

Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" Liner at 12,146'	14,600/80/136/0. Logging. JUL 2 1971 Mud: (gradient .806) 15.5 x 54 x 1.6 (LCM 15%) (Oil 5%).
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" Liner @ 12,146'	14,600/80/140/0. Conditioning hole for 5½" Liner. Ran logs (Schl) as follows: BHC/sonic/GR/Cal, DIL/SP, SNP/GR, PML, Four-Arm Dipmeter, Experimental Circumferential sonic. On 7/4/71 tripped in and conditioned hole to rerun BHC/sonic/GR/Cal, PML. Cut two cores w/core slices as follows: 13,934-37 ss, cl-frosty, vf-Cs, spotty blk dead oil stain, frac face 10°/vert. 13,964-67 slt stn, lt gr, sndy, hard, tite, N.S. Tool hung in cutting slices. Jarred loose. Mud: (gradient .806) 15.5 x 56 x 1.4 (Oil 5%). JUL 6 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 5½" Liner @ 14,598	14,600/80/141/0. Tripping. Drifted DP and perforated liner to 4.736". Ran 5½" liner to 14,598 as follows 536.89' (preperf) hydril FJ 17# N-80, top at 14,061 B&W basket; 2222' hydril 19.8# P-110 triple-seal and Burns hanger. Set hanger at 11,834'. Cmt'd through basket @ 14,056 w/50 sx 1:1 poz, 1% CFR-2, .4% HR-4, 2% gel. Tailed in w/230 sx Class "G", 30% silica flour, 10% salt, 1% CFR-2, .4% HR-4.. Plug down @ 1:30 a.m. 7/7/71. Float held ok. JUL 7 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 5½" Liner @ 14,598	14,600/80/142/0. Prep to run DST in 7 5/8" liner. Top of cmt above liner at 11,526. Drld 308' cmt to 11,834, top of 5½" liner hanger. Tested liner hanger at 11,530 and 11,834 to 2,000 psi. JUL 8 1971 Mud: (gradient .7856) 15.3 x 55 x 2.4 (Oil 4.2%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 5½" Liner @ 14,598	14,600/80/143/0. Circ'g at 11,816' openended to shake out LCM. Tripped in hole w/Johnson test tool to test liner lap 7 5/8" - 5½". JUL 9 1971 DST No. 3 11,816-11,834 (Liner overlap) Details later. Mud: (gradient .7856) 15.3 x 58 x 2 (LCM 14%) (Oil 4.6%)

Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,163/80/126/25. Circ & prep to pull to shoe. Lost 300 bbls mud @ 14,159. Bit pressured up; will pull to shoe & change drilling line. Hole still taking small amount of fluid. Circ & mixed LCM and mud. JUN 2 2 1971 Mud: (gradient .785) 15.1+ x 51 x 2.3 (LCM 16%) (Oil 6%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,163/80/127/0. Cleaning out bridges from 12,262-12,282. Pulled up to shoe of 7 5/8"; chgd drlg line. Cleaned shaker mud tank. Lost six bolts from rotating head in hole. Went in w/junk sub and bit to drlg up junk. JUN 2 3 1971 Mud: (gradient .788) 15.2 x 62 x 3 (Oil 6%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,180/80/128/17. Drilling. Reamed and washed tight spots and intermittent bridges from 12,282-14,162. Pulled and rec'd four small pieces iron. JUN 2 4 1971 Mud: (gradient .790) 15.2 x 60 x 2.3 (LCM 15) (Oil 5%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,231/80/129/51. Drilling. JUN 2 5 1971 Mud: (gradient .785) 15.1+ x 55 x 2.2 (LCM 14%) (Oil 5%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 13,200' Wasatch Test 7 5/8" liner at 12,146'	14,384/80/132/153. Drilling. CO to btm w/dynadrill. Plugged bit and could not get dynadrill to operate. Ran hi-speed dynadrill. Mud: 15.2 x 52 x 2 (LCM 9%) (Oil 5.5%). JUN 2 8 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,471/80/133/87. Drilling. Lost 300 bbls mud while drlg 14,456-460. JUN 2 9 1971 Mud: (gradient .7956) 15.3 x 2.2 (LCM 11%) (Oil 4 3/4)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" Liner at 12,146'	14,500/80/134/29. Circ and condition mud. JUN 3 0 1971 Mud: (gradient .8008) 15.4 x 57 (LCM 13%) (Oil 5.8%).
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" Liner at 12,146'	14,600/80/135/100. Circ for short trip and logs Mud: (gradient .8050) 15.5 x 54 x 1.2 (LCM 14%) (Oil 5.2%) JUL 1 1971

Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 7 5/8" liner at 12,146'	13,771/80/114/58. Drilling. No mud loss in past 24 hrs. Mud: (gradient .676) 13.0 x 47 x 4.7 (Oil Trc) JUN 10 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner @ 12,146'	13,827/80/115/56. Drilling. No mud lost in past 24 hrs. Note: Chg of total depth from 13,500 to 14,200. The addition of 700' to the prognosed TD provides the opportunity to evaluate a stratigraphic interval which had excellent shows in the Brotherson 1-11B4. Mud: (gradient .668) 12.8 x 45 x 4.0 (Oil Trc) JUN 11 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	13,938/80/118/111. Drilling. Shut well in at 13,934. Had 1600 psi on csg, 850 psi on DP, slowly decreased to 500 psi. Mixed mud and killed well w/14.7# avg mud weight. JUN 14 1971 Mud: (gradient .759) 14.6 x 86 x 3.8 (Oil 6½%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	13,975/80/119/37. Drilling. Lost 240 bbls mud from 13,950 to 13,960. JUN 15 1971 Mud: (gradient .754) 14.5 x 53 x 3.2 (LCM 12%) (Oil 6%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,023/80/120/48. Drilling. Made wiper run to shoe at 13,997; encountered intermediate tight spots and had to use Kelley from 13,358-13,317. Mud: (gradient .757) 14.5 x 53 x 3.0 (Oil 4½%) JUN 16 1971
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,047/80/121/24. Drilling. Stopped drlg at 14,038; obtaining abundance of gas-cut mud. Circ and built mud weight to 14.7#. Hit few tight spots but resumed drlg. JUN 17 1971 Mud: (gradient .767) 14.7+ x 52 x 3.2 (LCM 5%) (Oil 5%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,052/80/122/5. Waiting on tail shaft. Stopped drlg at 14,052 and pulled tail shaft out of #3 engine. Circ and cond mud. Pulled to shoe of 7 5/8". Waited six hrs, went back to btm, and circ gas from btm. JUN 18 1971 Mud: (gradient .7722) 14.8+ x 51 x 3.1 (LCM 5%) (Oil 5%)
Shell-Gulf-Sabine Explor.-Ute 1-26A4 (D) Brinkerhoff 14,200' Wasatch Test 7 5/8" liner at 12,146'	14,138/80/125/86. Drilling. Circ and cond mud. Magnafluxed all DC's. Washed to bottom 50'. JUN 21 1971 Mud: (gradient .780) 15 x 54 x 2.7 (LCM 4%) (Oil 5%)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

13,346/80/105/223, Drilling
Mud: (gradient .692) 13.3 x 45 x 5.6 (Oil trc). JUN 1 1971

Shell- Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

13,387/80/106/41. Going in hole.
Lost approx 25 bbls mud.
Found hole in jt 3½" DP. JUN 2 1971
Mud: (gradient .692) 13.3 x 44 x 5.2 (Oil trc).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

13,398/80/107/11. Running DST No. 2.
Mud: (gradient .692) 13.3 x 44 x 5.4 (Oil trc). JUN 3 1971

Shell-Gulf-Sabine
Explor. - Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

13,412/80/108/14. Drilling.
DST No. 2 13,208-13,399
IF 20 min - no blow. SI 180 min.
FF 39 min - no blow. SI 300 min.
Recovery: 105' drlg mud mixed w/small amt of dk grn waxy oil (1.80 bbls total additional recovery - recovery other than WC). Est .25 bbls oil
1.55 bbls drlg mud
Press's: IHP 9265, IFP 4486-4513, ISIP 8525, FFP 4521-4551, FSIP 8488, FHP 9217.
Washed to btm - tight hole.
Note: King Silver's operations transferred to Sabine Exploration.
JUN 4 1971
Mud: (gradient .689) 13.0 x 47 x 4.5 (Oil trc).

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" liner @ 12,146'

13,576/80/111/164. Drilling.
On 6/4/71, lost 60 bbls mud in 24 hrs.
On 6/6/71, no mud lost in past 24 hrs. Washed 45' to bottom.
Mud: 13.3 x 47 x 4.6 (Oil Trc) JUN 7 1971

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" liner at 12,146'

13,647/80/112/71. Drilling.
No mud loss in past 24 hrs. JUN 8 1971
Mud: (gradient .681) 13.1 x 44 x 4.7 (Oil Trc)

Shell-Gulf-Sabine
Explor.-Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" liner at 12,146'

13,713/80/113/66. Drilling.
No mud loss in past 24 hrs.
Mud: (gradient .681) 13.1 x 44 x 4.8 (Oil Trc)
JUN 9 1971

Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	12,081/80/77/93. Drilling. No mud loss past 24 hrs. MAY 4 1971 Mud: (gradient .562) 10.8 x 48 x 5.2 (LCM 7%) (Oil trc).
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	12,150/80/78/69. Tripping for logs. Mud: 10.8 x 52 x 6 (LCM 6%) (Oil trc) No mud loss. MAY 5 1971
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	12,150/80/79/0. Circ and cond mud to run 7 5/8" liner. Ran logs as follows: Int BHCS/GR/Cal, DIL/SP & PML. Mud: 10.8 x 57. MAY 6 1971
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	12,150/80/80/0. Making up 7 5/8" liner. Mud: (gradient .564) 10.8 x 48 x 6.9 (LCM 6.5%) (Oil trc). MAY 7 1971
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 7 5/8" Liner @ 12,146'	12,150/80/83/0. Going in w/8 5/8" bit to drill out. Ran 132 jts (5476.80') 7 5/8" 33.70# SFJ liner. Brown shoe at 12,146, plug stop at 12,025, top of Brown hanger at 6670. Liner stopped at 12,140. Circ down to 12,146 pumping at rate of 5.2 B/M losing 1¼ B/M. Lost approx 550 bbls mud. Cmt'd first stage w/380 sx Class "G", 1% CFR-2, followed by 150 sx Class "G", 10% salt, and .2% HR-4. Could not determine when top plug hit bottom plug. Displaced plugs w/353½ bbls mud, 4 bbls short of displacement. Lost all returns after displacing 285 bbls. Press'd up after displacing 353½ bbls. CIP 10:30 a.m. 5/8/71. Ran 8 5/8" bit to top of liner, no cmt. Set Bkr Model "K" cmt ret at 6552. Established breakdown rate of 6 B/M w/1550 psi. Sqz'd lap w/200 sx Class "G". Staged last 4½ bbls in final buildup at ½ B/M w/1450 psi. Got 850 psi buildup, held 1400 psi. CIP 5:15 p.m. 5/9/71. Reversed out. Completed 6 p.m. 5/9/71. No mud check. MAY 10 1971
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 7 5/8" Liner @ 12,146'	12,150/80/84/0. Cleaning out cmt in 7 5/8" liner. Ran to 6552 and drld on Bkr Model "K" retainer. Ran to top of cmt at 6653 - drld on iron and cement. CO to 6670. Tested lap to 5100 psi. CO at 6690 and 6676. Mud: (gradient .54) 10.4 x 50 x 9.2 (Oil trc). MAY 11 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,888/80/97/199. Drilling.
Mud: (gradient .6660) 12.8 x 47 x 6.0 (Oil trc). MAY 24 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,940/80/98/52. Tripping for Core No. 1
Mud: (gradient .6656) 12.8 x 45 x 5.9 (Oil trc).
MAY 25 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

13,000/80/99/60. Going in hole w/bit.
Core #1 12,940-13,000 - cut 60' & rec'd 59' (details later)
Mud: (gradient .6656) 12.8 x 46 x 6 (Oil trc) MAY 26 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

13,060/80/100/60. Drilling.
Core No. 1 12,940-13,000 Cut 60'. Rec'd 59'.

12,940-12,943	Sh, red-brn w/gry-grn, mottled, calc, hd, floating f-c clear qtz grains
12,943-12,944	Ss, gry, m-c, subang-subrd, mod sorting, mottled w/red silty clay matrix, v calc.
12,944-12,946	Sh, a.a.
12,946-12,947	Sh, a.a., w/gry sdy burrows
12,947-12,953	Sh, a.a.
12,953-12,954	Siltstone, red-brn and gry, mottled, sli calc.
12,954-12,958	Sh, a.a.
12,958-12,964	Sh, a.a., v silty
12,964-12,978	Sh, as at 12,940-43
12,978-12,982	Ss, gry, vf, silty, mottled, w/red-brn shale
12,982-12,986	Sh, a.a.
12,986-12,987	Siltstone, red-brn, hd, calc
12,987-12,989	Sh, a.a.
12,989-12,994	Ss, red-brn, vf-f, silty, v calc
12,994-12,996	Sh, a.a., w/abundant floating qtz grains
12,996-12,997	Ss, a.a., 12,989-12,994
12,997-12,999	Sh, a.a.
12,999-13,000	No recovery

Mud: (gradient .676) 13.0 x 45 x 5.9 (Oil trc). MAY 27 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

13,123/80/101/63. Drilling.
Mud: (gradient .681) 13.1 x 45 x 5.8 (Oil trc). MAY 28 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner @ 12,146'

12,153/80/85/3. Tripping out of hole. Ran DP from 6676' to 11,605', could not break circ. Pulled pipe to 11,346'. Circ'd hole clean. Drld cmt from 11,605'-12,150'. Tested liner at 12,136' at 600 psi, or 7100 psi hydrostatic, for 15 min, ok. Hd cmt from 11,605-12,150'. MAY 12 1971
Mud: 10.4 x 43 x 7.

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,173/80/86/20. Tripping in hole w/bit. MAY 13 1971
Mud: (gradient .556) 10.4 x 42 x 10.4 (Oil trc).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" liner at 12,146'

12,263/80/87/90. Drilling.
Mud: (gradient .562) 10.8 x 45 x 8.7 MAY 14 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" liner at 12,146'

12,450/80/90/187. Drilling.
Mud: (gradient .587) 11.3 x 53 x 7.6 (oil trc). MAY 17 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,533/80/91/83. Drilling. MAY 18 1971
Mud: (gradient .6136) 11.8 x 46 x 6.5 (Oil trc).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,601/80/92/68. Drilling.
Mud: (gradient .637) 12.2 x 45 x 6.1 (Oil trc). MAY 19 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146'

12,650/80/93/49. Tripping. MAY 20 1971
Mud: (gradient .649) 12.5 x 45 x 5.5 (Oil trc).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
7 5/8" Liner at 12,146

12,689/80/94/39. Drilling.
Mud: (gradient .655) 12.6 x 45 x 5.6 (Oil trc). MAY 21 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

11,290/80/66/129. Drilling
Lost 40 bbls mud last 24 hrs.
Mud: (gradient .499) 9.6 x 48 x 9.0 (LCM trc). APR 2 3 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

11,591/80/69/301. Drilling. Dev: 2 3/4° at 11,298.
Lost approx 100 bbls mud last 24 hrs. APR 2 6 1971
Mud: (gradient 0.52) 10.0 x 45 x 8.5 (Oil trc)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

11,672/80/70/81. Drilling. Dev: 2½° at 11,650.
Lost approx 100 bbls mud last 24 hrs. APR 2 7 1971
Mud: (gradient 0.641) 10.4 x 43 x 7.6 (LCM 6%) (Oil ½% trc)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

11,776/80/71/104. Drilling.
Lost approx 160 bbls mud past 24 hrs. APR 2 8 1971
Mud: (gradient 0.5486) 10.5+ x 42 x 7.8 (LCM 7%) (Oil ½%)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

11,807/80/72/31. Drilling.
Lost approx 140 bbls mud past 24 hrs. APR 2 9 1971
Mud: (gradient 0.554) 10.6 x 43 x 7.7 (LCM 6%) (Oil Trc)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

11,898/80/73/91. Drilling. APR 3 0 1971
Mud: (gradient 0.549) 10.5 x 45 x 7.5 (LCM 6%) (Oil Trc)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

11,988/80/76/90. Drilling. Dev: 2 3/4° @ 11,983.
DST No. 1 11,783-11,983 (Johnston)
(5044' water cushion) (86 bbls)
Op 10 min, SI 120 min
Op 10 min, SI 4 min
Op 90 min, SI 300 min
Initial flow op'd w/weak blow (3½" wtr). Final flow was dead. Recycled tool. SI 4 min. Op'd tool w/very weak blow increasing to weak after 60 min. Blow decreased to very weak in 90 min.
Reversed out 66 bbls SG and OC WC and 20 bbls HGC & SOC WC.
Sample chamber contained: 1.85 CF at 500 psi
400 cc's BS & mud
650 cc's oil (35.1° API @ 60°F.)
Recorder at 11,757
IHP 6680, IFP 2275-2311, ISIP 6662, FFP 2365-2472, FSIP 5910, FHP 6662. MAY 3 1971
BHT - 180°F.
Mud: (gradient .558) 10.7 x 49 x 7.4 (LCM 7%) (Oil trc).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

9550/80/5 /692. Tripping. Dev: 3° @ 9474.
Drld quartz sand at 9080. Magnafluxed all DCs.
Mud: (gradient .4556) 8.7+ x 36 x 11.6. APR 12 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

9638/80/56/88. Drilling.
Located hole in DP. Rec some iron in junk sub.
Mud: 8.7 x 34 x 11.9. APR 13 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

9801/80/57/63. Drilling.
Mud: (gradient .455) 8.7 x 39 x 11.2. APR 14 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

9986/80/58/185. Drilling.
Mud: (gradient .458) 8.8 x 34 x 11.8. APR 15 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

10,163/80/59/177. Tripping for new bit.
Mud: (gradient .462) 8.8+ x 33 x 11.7. APR 16 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

10,631/80/62/468. Tripping for bit. Dev: 2½° @ 10,163', 3° @ 10,631.
Mud: 8.8 x 35 x 11.4. APR 19 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

10,798/80/63/168. Drilling.
Mud: (gradient .465) 8.9 x 37 x 10.6 APR 20 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

11,009/80/64/211. Drilling.
Mud: (gradient .481) 9.2 x 42 x 9.8. APR 21 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

11,161/80/65/152. Drilling.
Had kick @ 11,135 (3200 units). Lost 15 bbls mud.
Mud: (gradient .488) 9.8 x 44 x 9.1 (Oil 0). APR 22 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

7493/80/43/230. Drilling.
Mud: 8.7 x 35 x 10.6 MAR 3 0 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

7721/80/44/228. Drilling.
Mud: 8.7 x 34 x 10.4 MAR 3 1 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

7946/80/45/225. Drilling
Mud gradient 0.4576 APR 1 1971
Mud: 8.8 x 36 x 11.4 (chl 200)

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

8073/80/46/127. Drilling. APR 2 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

8544/80/49/471. Drilling. Dev: 3½° @ 8260.
Mud gradient .455 APR 5 1971
Mud: 8.7 x 36 x 12 (chl 180) (LCM 0) (Oil 0).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

8670/80/50/26. Drilling.
Mud: (gradient .4576) 8.8 x 36 x 11 (chl 160) (LCM 0)
(Oil 0). APR 6 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

8858/80/51/188. Drilling. APR 7 1971
Mud: (gradient .4576) 8.8 x 38 x 11.3 (sal 170).

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" Csg at 7040'

No report. APR 8 1971

Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/35/0. Tripping in w/overshot. Rec'd four pieces of fish which were 19', 12', 4.8' and 5' in length w/WP and Mill #17. Milled over fish w/Mill #19. Ran overshot w/6 1/8" mill and grapple; unable to engage fish. Pulled out and ran mill #20. Running overshot #2 w/6¼" grapple. MAR 2 2 1971 Mud: 8.7 x 35.
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/36/0. Tripping in w/8 1/8" WP. Pulled 6¼" grapple which was broken. Ran back w/6 1/8" spiral grapple which also broke and was left in hole. Ran Bowen 5" basket grapple and 5 1/8" mill. Got hold of fish and jarred 5½ hrs. Ran sinker bars; unable to get below 6907. Unhooked from fish. Pulled and picked up 1 jt 39# 8 1/8" OD 7 1/8" ID WP. MAR 2 3 1971 (Addition to wire of 3/22/71) Mill #18 was run but did not make any footage.
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" csg at 7040'	7040/80/37/0. Going in w/1 jt 7 3/8" WP to attempt driving overshot down. Milled over fish and cut off slips at 6918. Pulled mill shoe #21 and ran in w/mill shoe #22; was unable to get lower than 6918. Went back in w/Bowen overshot dressed w/5" basket grapple, bumper sub, and jars w/accelator. Got hold of fish and jarred on same. Jarred top of overshot off leaving overshot in hole. MAR 2 4 1971
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/38/0. Milling on fish. Drove overshot down approx 4". Pulled and ran back w/overshot dressed w/4 7/8 basket grapples. Hooked onto fish. Ran string shot and attempted to torque pipe back at 6500. Screwed back in and pulled. Rec'd 11.80' sliver of DP. Ran mill shoe #23 8 3/8" x 7 5/8". MAR 2 5 1971
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/39/0. Washing over fish at 6915.5 Washed over to 6911 w/shoe #23. Pulled and washed over to 6915 w/shoe #24. MAR 2 6 1971 Mud: 8.7 x 43 x 20.2
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7263/80/42/223. Drilling. Pulled Mill #25 8 5/8 x 7 5/8. Ran back w/Bowen overshot dressed w/4 7/8" basket grapple; could not get hold of fish. Ran in w/4 3/4" basket grapple. Took hold of fish and pulled same; rec fish. MAR 2 9 1971 Mud: 8.7 x 33 x 11.6.

Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/28/0. Making trip. Press tested BOP's to 3,000 psi, ok. Drld DV tool at 1018 and float collar at 7,000'. Attempted to press up; would not hold. Set Johnston pkr at 6990. Cmt'd w/100 sx Type "G" containing shredded rubber (Dow). WOC. Pulled pkr; went in hole w/bit. Attempted to press test; unable to get press check for fillup; found none. Pulled bit. Ran in w/Johnston pkr. Cmt'd w/100 sx Class "G" cmt, 1/2% CFR-2, and 5#/sx D-82. Broke down formation at rate of 5½ B/M at 1500 psi. FP 750. CIP 3 p.m. 3/12/71. WOC and attempted to press up csg. Pulled bit. Set pkr at 6930 for sqz #2. Cmt'd w/100 sx Type "G" cmt containing 1/8# tuf-fiber/sx, ½% CFR-2, and 2% $CaCl_2$. Max press - 1900, min 1600, would hold 700 psi. Left pkr set 5 hrs. Attempted to pull pkr and found to be stuck. Ran freepoint (McC) and found free at 6875. Backed off at 6846. Pulled out leaving 2 jts DP, pkr, and cmtg tools in hole. Went in hole w/3 jts 7 3/8" OD x 6 5/8" ID WP w/7 3/8" flat bottom mill. Top of fish at 6846. Milled 1½ hrs and cut over fish 1'. Pulled out due to mill being worn. Went in w/mill #2; cut 2' over fish. Picked up #3 mill. Tripping in. Press tested csg and DV tool to 2,200 psi, ok. MAR 1 5 1971 No mud details.
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/29/0. Milling. Made trip in hole w/third milling shoe and WP. Cut over 10'. Pulled out; shoe torn. Picked up mill #4, ran 2½ hrs - 2½' slick. W/mill #5, ran 2 hrs 2' slick. Milled total of 17'. MAR 1 6 1971 Mud: 8.7 x 35
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/30/0. Tripping. Milled 7½' w/#6 shoe for 6 hrs. Pulled out and recovered 26.50' of fish in wash pipe - 2 pieces (one 12.40' long w/box, and one 14.10' long - ½ circumference of DP). Went in hole w/mill #7. Milled 4' in 4 hrs. Pulled and ran milling shoe #8 - cut over tool jt. Ran 2½ hrs and cut 1½'. Pulled or washed over total of 31'. 1 jt DP washed over. MAR 1 7 1971
Shell-Gulf-King Silver- Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/31/0. Milling. Tripped in w/milling shoe #9 - cut 1' in 2½ hrs. Pulled shoe - together but badly cracked. W/shoe #10, cut on hard bend of tool jt - 0' in 6 hrs. Ran shoe #11. Total milled over - 33'. MAR 1 8 1971
Shell-Gulf-King Silver Ute 1-26A4 (D) Brinkerhoff 13,500' Wasatch Test 9 5/8" Csg at 7040'	7040/80/32/0. Tripping. Milled w/#11 shoe in 6 hrs - cut 4". Pulled out and ran mill #12; milled over tool jt hard band 1' below - 5½ hrs milling. Ran mill #13 and milled on tool jt hard band 5 hrs. Pulled out and mill worn out and cracked. Going in hole w/mill #14. MAR 1 9 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg @ 306'

6175/80/16/150. Drilling
Mud gradient .463
Mud: 8.9 x 32 x 15.6
MAR 3 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

6326/80/17/151. Drilling.
Mud gradient - .465
Mud: 8.9 x 33 x 18.4
MAR 4 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

6424/80/18/98. Drilling. Dev: 1¼° @ 6384.
Mud gradient - .462
Mud: 8.8 x 33 x 19.2
MAR 5 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" csg at 306'

6825/80/21/401. Drilling. Dev: 1° at 6622.
Mud gradient - .456
Mud: 8.8 x 34 x 18.2
MAR 8 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" csg at 306'

6978/80/22/153. Drilling.
Mud gradient - .456
Mud: 8.8 x 39 x 15.8
MAR 9 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" csg at 306'

7040/80/23/62. Making trip to cond hole for running 9 5/8" csg. Dev: 1½° at 7040.
Ran Int BHCS/GR/Cal.
Mud gradient - .462
Mud: 8.8 x 43 x 11.3
MAR 10 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13 500' Wasatch Test
9 5/8" csg at 7040'

7040/80/24/0. Prep to nipple up.
Ran and cmt 173 jts 47# 9 5/8" csg at 7040' w/425 sx 1:1 poz, 2% gel, followed by 100 sx Neat cmt, 1/8# Nylon Fibers. 1st stage cmt in place 3:15 a.m. 3/11/71. Cmt'd 2nd stage w/600 sx 1:1 poz, 2% gel, followed by 150 sx Neat, 2% $CaCl_2$. 2nd stage CIP 4:20 a.m. 3/11/71. Bkr guide shoe at 7040, float at 7000, DV collar at 1018. MAR 11 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
9 5/8" csg at 7040'

7040/80/25/0. Prep to sqz to shoe.
Ran in and drld out DV collar at 1018 and float at 7000.
Press tested csg. Broke down at shoe. MAR 12 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

306/80/3/0. Nippling up.
15 hrs welding on Cameron wellhead. Tested w/1,000 psi, ok. 9 hrs nippling up. FEB 1 8 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

796/80/4/490. Drilling. Dev: ¼° @ 500.
Nippled up and tested all BOP's and kill line w/1,000 psi, ok.
Mud: Water. FEB 1 9 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

No report. FEB 2 2 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

3820/80/8/3024. (4 days drlg report) Drilling. Dev: 1° @ 1750, ½° @ 2510, ¼° @ 3110.
No mud details. FEB 2 3 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

4275/80/9/455. Drilling. Dev: ¼° @ 3845.
No mud details. FEB 2 4 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" csg at 306'

4670/80/10/395 Drilling. Dev: ¼° at 4325.
No mud details FEB 2 5 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

5004/80/11/334. Drilling. Dev: ¼° @ 4796.
No mud details. FEB 2 6 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

5912/80/14/908. Drilling. Dev: ¼° @ 5177 and 3/4° @ 5717.
Mud: 8.8 x 32 x 15.2 MAR 1 1971

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

6025/80/15/113. Drilling. Dev: 1° @ 6010.
Mud: 8.9 x 32 x 14.6 MAR 2 1971

OIL WELL — ALTAMONT

SHELL OIL COMPANY — LEASE SHELL-GULF-KING SIL[redacted] — WELL NO. 1-26A4

DIVISION ROCKY MOUNTAIN — ELEV 6476 KB

FROM: 2-8-71 - 5-24-72 — COUNTY DUCHESNE — STATE UTAH

JUN 9 1972

UTAH

ALTAMONT

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

"FR" MIRT.
Located 1840' FNL and 1100' FEL Section 26-T1S-R4W, Duchesne County, Utah.
Elev: 6457 GL (Ungraded)
13,500' Wasatch Test
Shell Working Interest - 60.77%
Drilling Contractor - Brinkerhoff Drlg Co.
This well is a primary development well designed to test the Miles No. 1 and Brotherson 1-3B4 producing zones in this field. It is expected to encounter these zones approx 200' low structurally to the Miles No. 1 FEB 8 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

MI&RURT. FEB 9 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

RURT. FEB 10 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

RURT. FEB 11 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

RURT. FEB 12 1971

Shell-Gulf-King Silver
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test

270/80/1/270. Drilling. Dev: 0° at 55', 3/4° at 119', ¼° at 170 and 230'.
Spudded 17½" hole 1 a.m. 2/15/71. FEB 16 1971
Mud: gel and wtr.

Shell-Gulf-King Silver-
Ute 1-26A4
(D) Brinkerhoff
13,500' Wasatch Test
13 3/8" Csg at 306'

306/80/2/36. Nippling up.
Ran and cmt 8 jts (311') 13 3/8" K-55 54.5# ST&C csg w/Bkr guide shoe at 306' w/375 sx Class "G" cmt, 3% $CaCl_2$ and ¼#/sx flocele. Bkr float collar at 269'. Bumped top rubber plug w/42 BW to 1,000 psi. Good circ throughout job but no cmt returns. CIP 3 p.m. After 2½ hrs, located cmt at 45'. Recmt'd through 1" on outside w/200 sx Class "G" cmt, 3% $CaCl_2$. Good returns to sfc. CIP 8:10 p.m. 2/16/71. WOC.
Mud: Gel and water. FEB 17 1971

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: Tribal 14-20-H62-1771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

1. OIL WELL ☐ GAS WELL ☐ OTHER: Noncommercial oil well

7. UNIT AGREEMENT NAME: Ute Unit

2. NAME OF OPERATOR: Shell Oil Company (Rocky Mtn Div. Production)
Gulf and King Silver

8. FARM OR LEASE NAME: Ute

3. ADDRESS OF OPERATOR: 700 Broadway, Denver, Colorado 80202

9. WELL NO.: 1-26A4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface: 1840' FNL and 1100' FEL Sec 26

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 NE/4 Section 26-T 1S-R 4W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6476 KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other) Proposed Conversion to SWD Well			X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

As per attached prognosis

2 cc's: Oil and Gas Conservatinn Commission
Salt Lake City, Utah w/attachment

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 7-6-73

BY Paul W. Burchell

APPROVED IN ACCORDANCE WITH THE ORDER ISSUED IN CAUSE NO. 139-7

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed By K. R. JORDAN TITLE K. R. Jordan Division Operations Engr. DATE June 26, 1973

(This space for Federal or State office use)

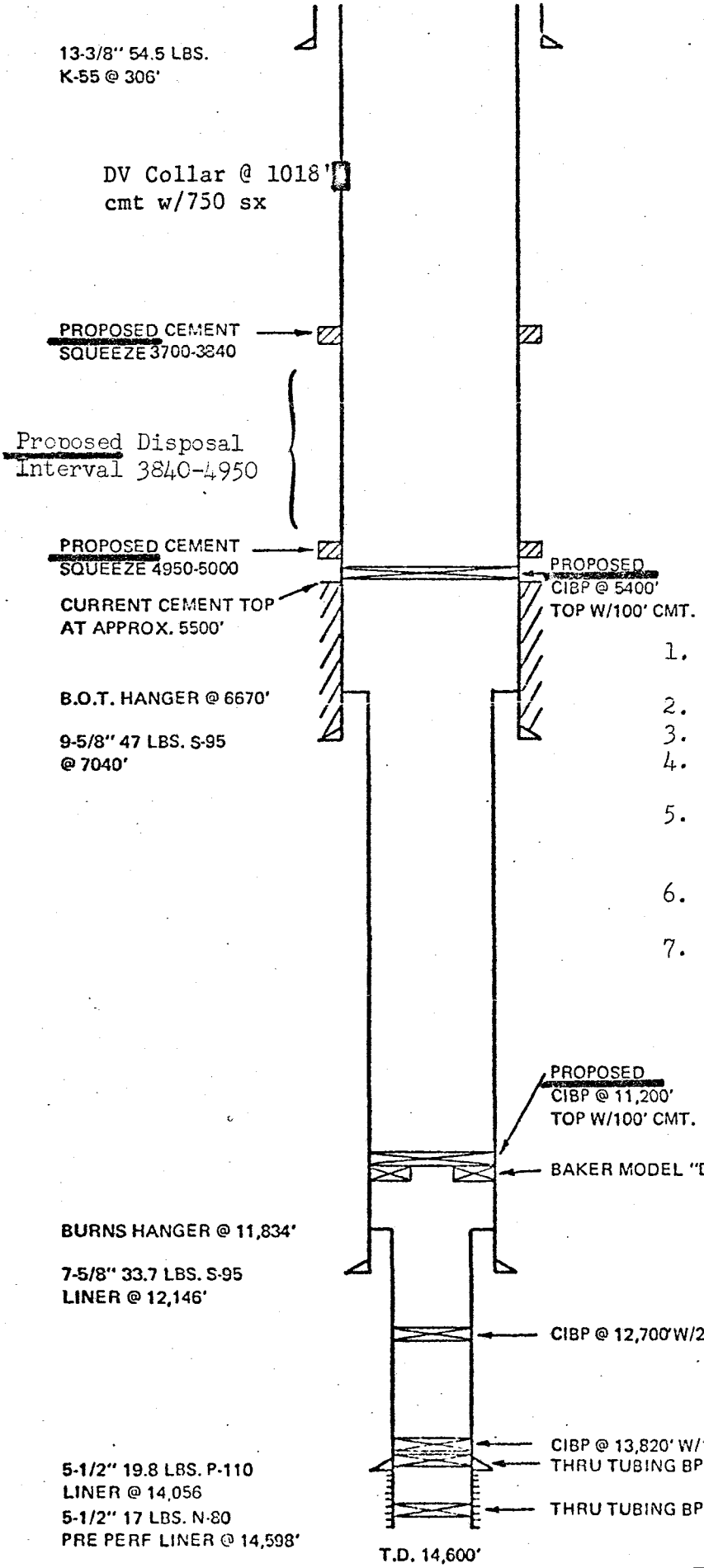
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

216-1780

SHELL-GULF-KING SILVER UTE 1-26A4
26, T1S R4W
DUCHESNE COUNTY, UTAH
PROPOSED CONVERSION
TO SALT WATER DISPOSAL WELL



EXISTING PERFORATIONS:

11,310, 11,364, 11,378, 11,420, 11,434, 11,480, 11,531, 11,603, 11,648, 11,658, 11,737, 11,740, 11,741, 11,761 AND 12,194 TO 12,222.

PERFORATIONS BETWEEN CIBP'S @ 12,700 AND 13,820:

12,760–70	13,326–30
12,800–16	13,450–09
13,000–06	13,502–08
13,132–40	13,524–30
13,238–46	13,578–85

PERFORATIONS BELOW CIBP @ 13,820:

13,928–45	13,989–95
13,962–69	14,011–13
13,977–83	

ABBREVIATED CONVERSION PROCEDURE

1. Control well and pull existing production tubing.
2. Set CIBP at 11,200'-cap w/cmt.
3. Set CIBP at 5400' - cap w/cmt.
4. Shoot holes, sqz cmt at ±5,000' and ±3,840' and evaluate sqz (s).
5. Perforate (and stimulate if necessary) disposal interval 3840-4950 (gross).
6. Set pkr, run tbg. Press test tbg and csg.
7. Prepare sfc equipment for injection.

United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

April 10, 1980

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Shell Oil Company
P. O. Box 831
Houston, Texas 77001

Re: Ute #1-26A4
SE NE Section 26, T.1S., R.4W.
Duchesne County, Utah
Ute Tribal Lease 14-20-H62-1771
Communitization Agreement 96-000037

Gentlemen:

Communitization Agreement 96-000037 terminated effective November 15, 1973 and lease 14-20-H62-1771 has an expiration date of July 9, 1978. The last known production from Well #1-26A4 was November 1978 at which time the well was shut-in apparently not capable of production. In view of the foregoing, it is imperative Shell Oil Company submit a Notice of Intent to Abandon Well #1-26A4 and finalize the plugging of the well and restoration of the site by July 1, 1980.

Your cooperation in the above matter is appreciated.

Sincerely yours,

RG Yanick

for E. W. Guynn
District Engineer

RECEIVED
APR 14 1980
ROCKY MOUNTAIN DIVISION
WESTERN E&P REGION

☐ DIV PROD MGR
☐ DIV PROD ADM MGR
~~☐ DIV ENG MGR~~
☐ DEVELOP ENG MGR
☐ PROD ENGR MGR
P Duncan
☐ DIV OPER MGR
☐ PROD SUPT-NORTH
☐ PROD SUPT-SOUTH
☐ DIV OPER MGR
☐ PROD SUPT
☐ SEC MGR
☑ OTHER
Reply Required
Reply Number
E-0303
Date Due
4-28-80

PLUG AND ABANDONMENT WORKSHEET
UTE 1-26A4
SECTION 26, T1S, R4W
DUCHESNE COUNTY, UTAH
ALTAMONT FIELD

Pertinent Data:

AFE No:
Amount: $35,000
Shell's 60.77% Share: $21,000

KB elevation: 6476' KB-GL: 19'
TD: 14,600'
PBTD: 12,685' (cement cap on CIBP)
9-5/8", 47#, S-95 at 7040'
7-5/8", 33.7#, S-95 liner at 12,146'; 7-5/8" liner top at 6670'
5-1/2", 20#, P-110 liner at 14,056'; 5-1/2" liner top at 11,831'
5-1/2", 17#, N-80 pre-perforated liner at 14,598'; B&W basket at 14,056'
2-7/8", 6.5#, N-80, EUE tubing at 11,200'
Baker 7-5/8" Model "D" packer at 11,200' (with on-off connector)

Objective:

Permanently plug and abandon the well.

Existing Perforations:

In 5-1/2" pre-perforated liner: 4-1/2" holes per foot 14,056'-14,598'

8/29/71 - 86 perfs, 13,928'-14,013', 2 JSPF in 5 zones; used 28 gram ceramic charges, expendable through-tubing gun (OWP).

2/3-5/72 - 182 perfs, 2 JSPF in 10 zones, 12,760'-13,586'; used 2" hollow carrier (Welex).

4/24/72 - 29 perfs, 1 JSPF, 12,194'-12,222'; used 2" hollow carrier with Omega jets (McCullough).

4/27/72 - 12 perfs, 1 shot per zone in 12 zones, 11,310'-11,761'; used 2" hollow carrier with Omega jets (McCullough).

Procedure:

1. MIRU. Install and test BOPE as per field specs.

2. Kill well with clay base mud. Unlatch from Model "D" packer and POOH with tubing. Fill well with clay base mud. Pressure test annulus to 2000 psi.

3. Pull 138 joints; 5-1/2" casing used as heat string.

4. RIH with mill and mill out 7-5/8" Baker Model "D" packer at 11,200'.

5. RIH with tubing and spot 350 sacks (25% excess) Class "H" cement (cement top should be at 11,150'; minimum depth of top to be 11,200').

6. Spot 100 lineal feet plug (estimated 39 sacks, 25% excess of Class "H" cement) centered across 7-5/8" liner lap at 6670'.

7. Set 100 lineal feet plug (estimated 48 sacks, 25% excess of Class "H" cement) from 3430'-3530' (fresh water-salt water interface).

8. Run tubing and set 50 lineal feet cement plug (estimated 24 sacks of Class "H" cement, 25% excess) in 9-5/8" casing. Base of plug must be at 306' (13-3/8" shoe depth).

9. RIH with 1" macaroni tubing and cement 9-5/8" - 13-3/8" annulus with a 50 lineal feet plug (estimated 21 sacks, 25% excess of Class "H" cement). Base of plug must be at 306' (13-3/8" shoe depth).

10. Cut 9-5/8" and 13-3/8" casings at ±5' below surface. Spot 10 sacks Class "H" cement in top of 9-5/8" casing and 10 sacks of Class "H" in 9-5/8" - 13-3/8" annulus.

11. Lay down tubing and move out rig.

12. Weld 1/4" steel cover plate across 13-3/8". Restore surface location. Set abandoned well marker. Marker should be minimum 4" in diameter and not less than 10' in length, of which 4' shall be above the ground level, the remainder being securely embedded in cement. The top of the pipe must be permanently sealed.

NOTE: Cementing operations to be witnessed by state agency representative.

G. L. Thompson

Date

6/4/80
MEB:JL PKD 6/5/80

MEB 6/5/80

Z16-1545-L

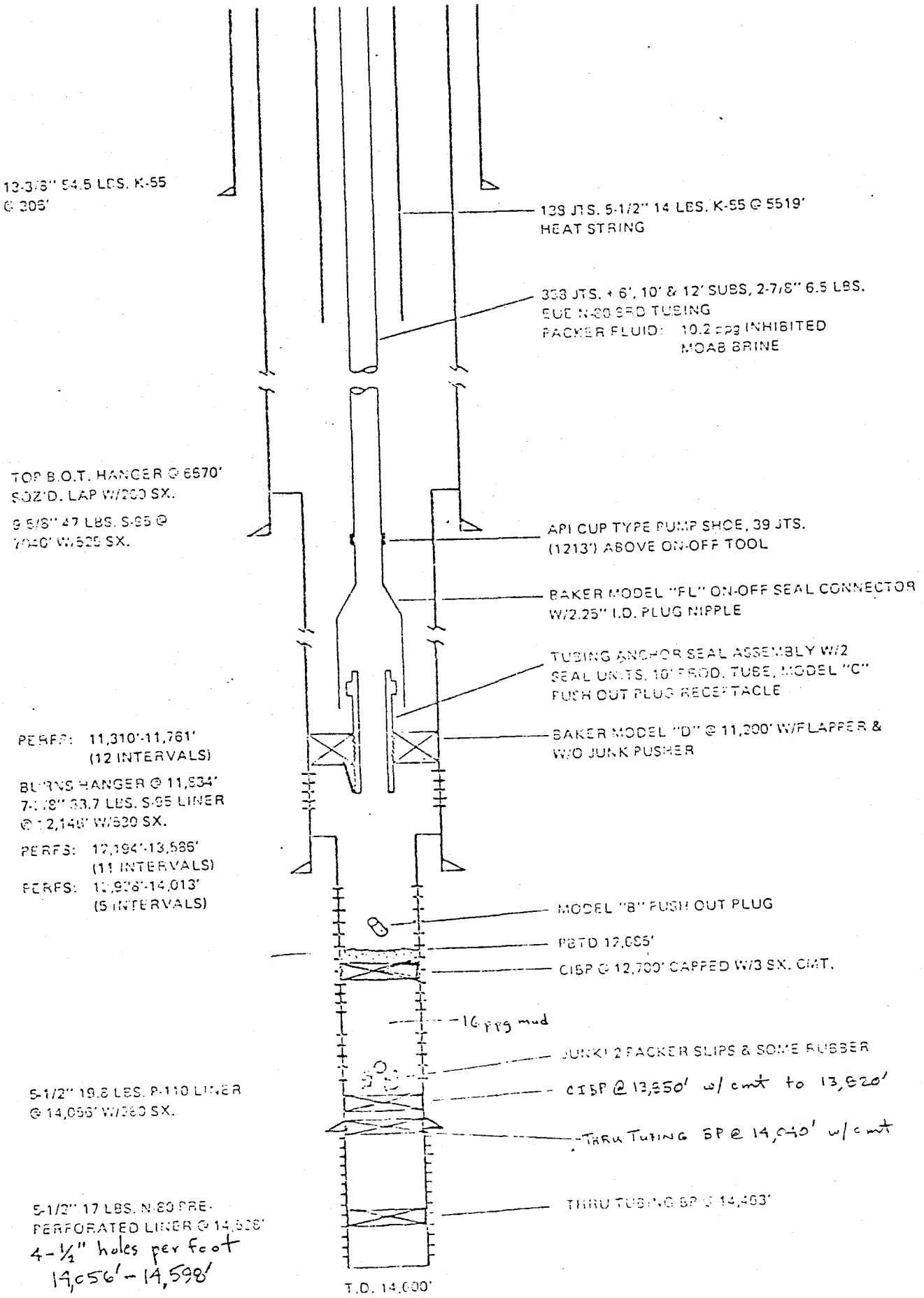
1-26A4

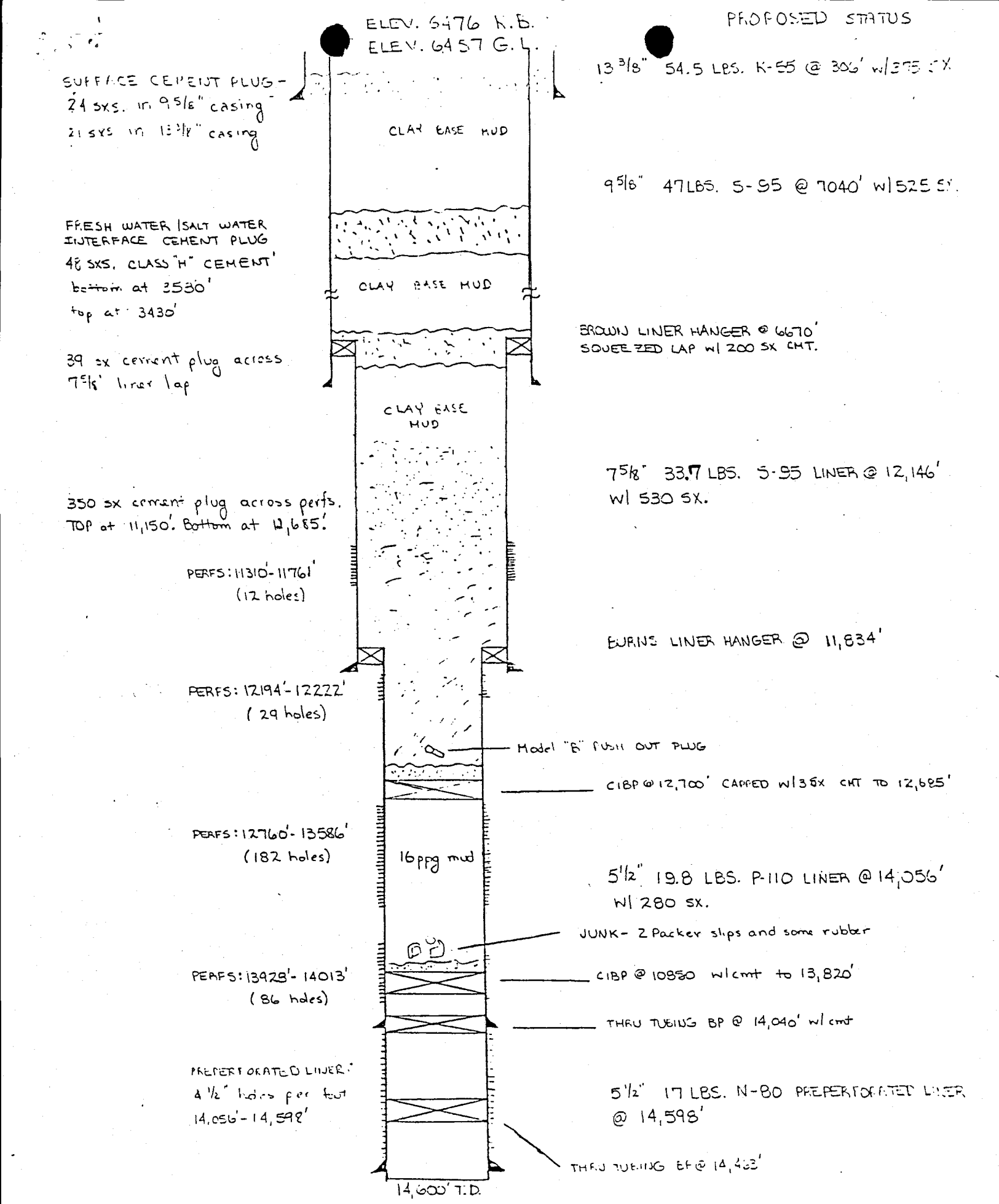
ELEV. 6476 K.B.

K.B.–G.L. = 19'-0"

COMPLETED
MAY 24, 1972

CURRENT STATUS




ELEV. 6476 K.B.
ELEV. 6457 G.L.
PROPOSED STATUS
SURFACE CEMENT PLUG -
24 SXS. in 9 5/8" casing
21 SXS in 13 3/8" casing
13 3/8" 54.5 LBS. K-55 @ 306' w/375 SX
CLAY BASE MUD
9 5/8" 47LBS. S-95 @ 7040' w/525 SX.
FRESH WATER/SALT WATER INTERFACE CEMENT PLUG
48 SXS. CLASS "H" CEMENT
bottom at 3530'
top at 3430'
CLAY BASE MUD
BROWN LINER HANGER @ 6670'
SQUEEZED LAP w/ 200 SX CMT.
39 sx cement plug across 7 5/8" liner lap
CLAY BASE MUD
7 5/8" 33.7 LBS. S-95 LINER @ 12,146'
w/ 530 SX.
350 sx cement plug across perfs.
TOP at 11,150'. Bottom at 11,685'.
PERFS: 11310'-11761'
(12 holes)
BURNS LINER HANGER @ 11,834'
PERFS: 12194'-12222'
(29 holes)
Model "B" PUSH OUT PLUG
CIBP @ 12,700' CAPPED w/35x CMT TO 12,685'
PERFS: 12760'-13586'
(182 holes)
16ppg mud
5 1/2" 19.8 LBS. P-110 LINER @ 14,056'
w/ 280 SX.
JUNK- 2 Packer slips and some rubber
PERFS: 13928'-14013'
(86 holes)
CIBP @ 10850 w/cmt to 13,820'
THRU TUBING BP @ 14,040' w/ cmt
PREPERFORATED LINER:
4 1/2" holes per foot
14,056'-14,598'
5 1/2" 17 LBS. N-80 PREPERFORATED LINER
@ 14,598'
THRU TUBING BP @ 14,463'
14,600' T.D.

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Shell Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1840' FNL & 1100' FEL

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-26A4

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26-T1S-R4W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6476' KB

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached worksheet.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 7-1-80
BY: M. J. Minder

RECEIVED
JUN 16 1980
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED J. M. Bergtin TITLE Division Production Engineer DATE June 9, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

JUSTIFICATION:

The Ute 1-26A4 has been shut in as non-commercial since November 1978 with a cumulative production of 39,521 BO, 3,677 BW, and 80 MMSCF gas. The lease agreement for this well expired July 9, 1978. We have received a letter from the USGS requesting a Notice of Intent to Abandon the 1-26A4 and finalization of that abandonment by July 1, 1980 (see attached letter). In light of the expired lease and governmental request for permanent abandonment, we request your approval to permanently abandon the Ute 1-26A4. The operation will require an expenditure of $35,000.

☐ CONTINUED OVER

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Bow Valley Petroleum Inc.

3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 900; Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1840' FNL & 1100' FEL, Sec. 26

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-3782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7. UNIT AGREEMENT NAME: Ute Tribal

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-26A4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26-T1S

12. COUNTY OR PARISH: Duchesne

13. STATE: UT

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Change of Operator	[XX]			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Bow Valley Petroleum took over as operator of the well on July 10, 1981. Prior to that, Shell Oil Company was the operator.

RECEIVED
MAR 21 1983
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Denise Dennett TITLE Engineer Technician DATE 3-17-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 22, 1985

Bow Valley Petroleum
P.O. Drawer 130
Roosevelt, Utah 84066

Gentlemen:

Re: Well No. Ute 1-26A4 - Sec. 26, T. 1S., R. 4W.,
Duchesne County, Utah - API #43-013-30057

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the re-entry on the above referenced well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than October 29, 1985.

Sincerely,

Pam Kenna

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/100

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 22, 1985

Bow Valley Petroleum
P.O. Drawer 130
Roosevelt, Utah 84066

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Re: Well No. Ute 1-26A4 - Sec. 26, T. 1S., R. 4W.,
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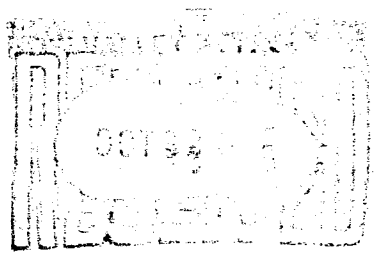
Sincerely,

Pam Kenna

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/100



10/23/85
1345 hrs.

Bow Valley
Ute 1-26 A4 API # 43-013-30057
Lease # 14-20-H62-3782
Sec. 26, T5S, R4W, Duchesne Co.

Redrilling offset to this well.

13 3/8" csg. @ 306' cmt. to surf.
9 5/8" csg. @ 7040' cmt. w/ 525 sx
DV collar 1018', cmt. w/ 750 sx
Squeeze cmt. shoe w/ 300 sx
7 5/8" liner @ 12146' - 11834' cmt. w/ 530 sx
Squeeze cmt. liner lap w/ 200 sx
5" liner 537' on bottom
B & W bskt. 14056' - 14061'
5 1/2" liner & Burns hanger

Perfs @ 11310' - 11761'
12194' - 12222'
12760' - 13586'
13928' - 14013'

Fish @ 14591' - 9736.50', possibly 3 jts. of tbg. around top.

(1) Set 7 5/8" cmt. ret. @ 8700, 50' below + 100' above.
(2) 100' @ liner lap (5 1/2")
(3) 100' @ 3450-3550
(4) 50' @ top of 9 5/8"

(5) Attempt to plug annulus.

Use 9.2 mud to circ. hole.

Mr. [redacted] James A. Hooks.
(801) 722-5166

Bow Valley Petroleum Inc.
P.O. Drawer 130, Roosevelt, Utah 84066

Telephone: (801) 722-5166

October 30, 1985

RECEIVED

OCT 31 1985

DIVISION OF OIL
GAS & MINING

State of Utah
Division of Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Attention: Pam Kenna
Well Records Specialist

RE: Well No. Ute 1-26A4
Section 26, T1S, R4W
Duchesne County, Utah
API# 43-013-30057

In response to your letter dated 10-22-85, during the time Bow Valley has been operator no recompletion has been performed on the well. A recompletion report, however, was sent to your office on 6/25/82 explaining why a recompletion was not done. Please find a copy of the report attached.

Currently Bow Valley is proposing to plug and abandon the well. A copy of the sundry notice requesting approval to P & A the well is attached also.

Very truly yours,

Michelle Mecham

Michelle Mecham
Engineering Technician

rr

Attachments

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 31 1985
DIVISION OF OIL GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Bow Valley Petroleum

3. ADDRESS OF OPERATOR: P O Drawer 130 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1840' FNL, 1100' FEL

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-3782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute

9. WELL NO.: 1-26A4

10. FIELD AND POOL, OR WILDCAT: Altamont - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 26, T1S, R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30057

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6457 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Bow Valley requests approval to plug and abandon well as per attached procedure.

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/1/85
BY: John R. Baza

18. I hereby certify that the foregoing is true and correct

SIGNED Michelle M. Mecham MICHELLE M. MECHAM TITLE Eng. Technician DATE 10-29-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

10/22/85

Plug & Abandoment

Bow Valley Petroleum
API # 43-013-30057
Lease: 14-20-H62-3782
Ute 1-26A4
Section 26, T1S, R4W
1840' FNL 1100' FEL (SE - NE)
Duchesne, County, UTah
Field - Altamont

Pertinent Data:

K.B. Elevations: 6476' KB-GL: 19'
Spud Date: 2-16-1971
T. D. Date: 07/01/1971 @ 14,600'.
Top of Fish: 4/19/1982 @ 9736.50', Bottom @ 14,591'. Consists of: 157 - joints of 2 7/8" EUE. 8rd. 6.50# N-80 Tubing with 1½' milled off of top Joint, leaving 2 7/8" O.D. looking up. (Possible 3-joints tubing side by side @ top of fish.) 1-6' lg. 2 7/8" EUE, 8 rd 6.50# N-80 pup joint. 27/8" EUE. 8 rd box X 2 7/8" API Reg. pin sub 1' lg., 3 3/4" O.D. Bumper sub 3 3/4" O.D.with 2 7/8" API reg. B X P, 6.50' lg.. DBL. box sub 2 7/8" API Reg. 3 3/4" O.D. X 1' Lg.. 2 -4.250 O.D. Junk Baskets with 2 7/8"API Reg. P X B, 4' Lg. each. 1-4 5/8" O.D. 4-Blade MillwithCutrite & 2 7/8" API Reg. Pin up, 1.50' Lg. (4-2-1982 Dropped 1 ½" O.D. X 5' Lg. Sheep's foot GO Devel to cut slickline wire @ 9730', not recovered).

13 3/8", 54.5# K-55 Set @ 306', Cmt. with 375 sacks Class "G" with 3% Calcium chloride & ¼# per Sack flocele. Good returns. No cement to surface. Tagged cement with 1" on outside of pipe. Cement to surface with 200 sacks "G" with 3% calcium chloride. 2/17/1971.

9 5/8", 47# S-95 Set 7040'. D.V. Collar @1018'. First stage cement with 425 sacks 50-50 POZ with 2% Gel.,followed with 100 sacks neat cement with 1/8# per sack Nylon fiber. 2nd stage cement with 600 sacks 50-50 POZ with 2% Gel., followed with 150 sacks neat cement with 2% calcium chloride.
3-11-1981. DRLG. D.V. collar, float collar and shoe 3/12/1971. Set SQ. tool @ 6990'. Cement with 100 sacks "G" containing shredded rubber, 3-12-1971. Cement with 100 sacks "G" with ½% CFR-2 & 5# per sacks D-82, 3-12-1971.Cement with 100 sacks "G" containing 1/8# per sack TUF- FIber, ½% CFR-2 & 2% calcium chloride, 3/14/1971. Test 9 5/8" casing & D.V. tool to 2200# PSI held o.k. 3/15/1971.

7 5/8", 33.70#, S-95 Hydril S.F.J. - Brown Oil Tool Liner Top @ 6670' - B.O.T. Shoe @ 12,146'. Cement with 380 sacks "G" containing 1% CFR-2 & 150 sacks "G" containing 10% Salt & .2% HR-4, 5/10/1971. SQ. liner lap with 200 sacks "G", 5/11/1971. C/O to Liner top. Tested to 5100# PSI.

5½" 17# N-80 Hyril F.J. PRE perforated liner (537') top @ 14,061', Bottom @ 14,598'.
5½" 17# N-80 B & W basket top @ 14,056', Bottom @ 14,061'.
5½" 19.8# P-110 Hydril tripple - seal & Burns Liner Hgr. (2222'). Top of Liner @ 11.834'. Bottom @ 14, 056'. Cement through B & W basket @ 14,056' with 50 sacks 50-50 POZ containing 1% CFR-2, .4% HR-4 & 2% Gel., followed with 230 sacks "G" containing 30% Silica flour, 10% salt, 1% CFR-2 & .4% HR-4, 7-7-1971. C/O to liner top. Test to 3500# PSI (15.3# mud in hole) 7/08/1971.

Ran cement bond & GR log from 14,600' up to 11,600', 7.15/1971. Ran CBL & PDC log (NL McCullough) from 11,800' up to 10,000'.

Tbg. Detail:

(1)	Cameron single string tbg. Hgr. with 2 7/8" C.S. Hydril Box X 2 7/8" EUE. 8 rd. Bottom	.85
(2)	295-Joints 2/78" EUE 8 rd, 6.50# N-80 tbg.	9608.20
(3)	National type "V" Pump cavity 3 5/8" O.D.	24.50
(4)	1-Joint tubing as above	31.10
(5)	Baker 7 5/8" 33.70# Model R-3 DBL.- Grip retrievable casing PKR with 2 7/8"EUE. 8 Rd Coup on bottom.	8.35
	Set in 12,000# compression @	9673.00

Objective:

Permanently plug & Abandon the well.

Existing Perforations:

5½" 17# pre-perforated liner: 4-½" holes per foot 14,061' to 14,598'. (7-07-1971)

8/30/1971 86 pers. 13,928' - 945', 13,962' - 969', 13,977' - 983', 13,989' - 995', & 14,011' - 013' with through tubing gun (O.W.P) used 28 gram ceramic changes.

2/04/1972 64 perfs. 12,760' - 12,770', 12,800' - 816', & 13,000' - 13,006'. Used 2 " hollow carrier (Wellex) 2-J.S.P.F.

2/07/1972 60 perfs. 13,132' - 13,140', 13,238' - 13,246', 13,326' - 13,330, 13,400'- 13,409', 13,502'- 13,508', 13,524' - 13,530', & 13,578'- 13,586'. Used (Wellex) 2" Sidewinder gun 2-J.S.P.F.

4/25/1972 28 perfs 12,194' - 12,222'. used 2" hollow carrier with OMEGA jets (McCullough) 1-JSPF.

4/28/1972 12 perfs. 1-JSPF @ 11,310', 11,364', 11,378', 11,420', 11,434', 11,480', 11,538', 11,608', 11,648', 11,658', 11,737', & 11,761', Used 2" hollow carrier with OMEGA Jets (McCullough).

Procedure:

(1) M.I.R.U. S.U.

(2) Check & record 13 3/8" Casing pressure.

(3) Fill 13 3/8" with fresh H_2o Get injection rate. Do not exceed 80% of 13 3/8" 54.50# K-55 casing burst or 9 5/8" 47# S-95 casing collapse.

(4) R/U Hot oil truck. Circulate 50 BBLS. 180° Diesel with ? amount of chemical from Roosevelt Yard to cut paraffin, down 9 5/8" casing. Disp. with rig pump to 9500', using Wasatch Formation H_2o. Circulate Conventional with 25 BBLS Diesel & Chemical as above. Followed with Wasatch Formation H_2o using Rig pump until all diesel & Oil is recovered.

(5) R/U Lyles Oil Tool equalize standing valve, (over night.) Attempt to pull standing valve.

(6) N.D. tree - N.U. B.O.P. (Test as per field Specs.)

(7) Open bypass on Baker 7 5/8" 33.70# Model R-3 DBL-Grip retrievable casing PKR. Set @ 9673' in 12,000# compression. Let well equalize. Pull PKR. loose.

(8) P.O.O.H. L/D pump cavity & PKR.

(9) T.I.H. on 2 7/8" EUE. 8 rd. 6.50# N-80 tubing with Baker 7 5/8" 33.70# Cement retainer with juck pusher. Set @ 8700'. (1036.50' above top of 2 7/8" tubing. Fish @ 9736.50'). Test tubing to 5000#. Test cement retainer, 7 5/8" 33.70# S-95 casing, Liner top @ 6670' & 9 5/8" 47# S-95 casing to 3000#.

(10) Sting out of cement retainer test to 3000#.

(11) Spot 25 sacks (150') 50-50 POZ 1.26 yeild 14.15# per Gal. cement, sting in retainer. Disp. 50' cement below retainer. sting out of ret. leave 100' cement above Ret. (150' plug from 8600' to 8750').

(12) P.O.O.H. Laying down 2 7/8" tubing to 8578'. Reverse out tubing capacity. P/U 10'. Test retainer, 7 5/8" casing, liner top & 9 5/8" casing to 3000#. Turn hole over with 9.2# per gal. mud.

(13) P.O.O.H. L/D tubing to 6720'.

(14) Spot 100' 25 sacks 50-50 POZ 1.26 yield 14.15# per gal cement. (50' in 9 5/8" casing 50' in 7 5/8" casing. 100' Plg from 6620' to 6720'). (Across liner top @ 6670').

(15) P.O.O.H. L/D tubing to 3550'

(16) Spot 100' 50 sacks 50-50 POZ 1.26 yeild 14.15# per Gal. Cement with 2% Calcium Chloride up to 3450'. (100' Plg from ~~3450' to 3550'~~ (950' to 1050'))

(17) P.O.O.H. L/D 2 7/8" tubing to 60' below gr level.

(18) Spot 50' 25 sacks. 50-50 Poz 1.26 yield 14.15# per gal cement with 2% Calcium

Chloride @ surface. leave 10' void @ top for dry hole marker.

(19) P.O.O.H. L/D 2 7/8" tubing.

(20) cement down 13 3/8" casing if necessary.

(21) N.D. B.O.P.'s.

(22) R.D.S.U. Move to yard.

(23) CUT all casings off 4' below ground level. Weld ½" steel plate on 9 5/8" & ½" on 13 3/8" casing with legal discription.

(24) Relaim a portion of the location as per land owner agreement. Leaving Road, tank battery & truck turn around.

*Note: send a copy of land owner agree to State & B.L.M.

State Of Utah Dept. of Natural Res.
Div. of Oil, Gas, & Mining
355 West North Temple
3 Triad Center Suite 350
Salt Lake City, Utah 84180-1203

(801) 538-5340

Verbal approval: to P & A above well with John Baza & James A. Hooks
(10-23-85 1:22 P.M.)

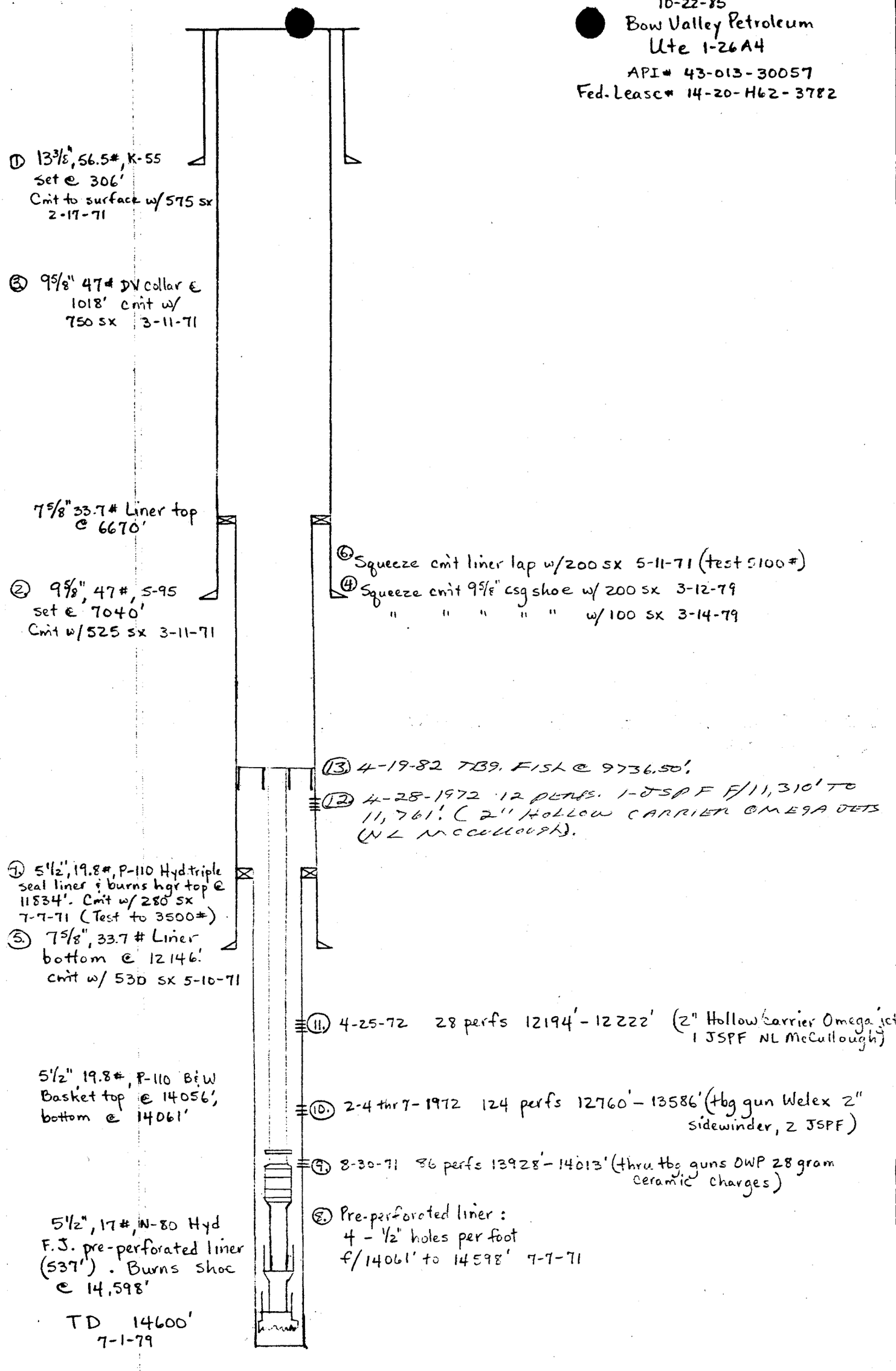
10-22-85

Bow Valley Petroleum

Ute 1-26A4

API# 43-013-30057

Fed. Lease# 14-20-H62-3782



CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company Bow Valley Petroleum, Inc. Location 26-15-4W

Well No. 1-26A4 Lease No. 14-20-H62-3782

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

1. This office should be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least 24 hours in advance.

2. Upon completion of the approved plugging program, erect the regulation marker in accordance with 43 CFR 3162.6(b) and clean up the location. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above general ground level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker must be closed or capped. Pits must be fenced unless approved otherwise by the authorized officer.

3. The following minimum information shall be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch:

   A. Name of the operator.

   B. Lease serial number.

   C. Well number.

   D. Surveyed description of the well; either footages or the quarter-quarter section, section, township, and range.

4. Within 15 days after well bore plugging operations have been completed, Form 3160-5 (formly Form 9-331, Subsequent Report of Abandonment) must be filed showing the location of the plugs, amount of cement in each plug, amount of casing left in the hole, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary and acceptable to this office, so note on your report and notify this office when said work has been completed to your satisfaction. This final abandonment report will not be approved until a physical inspection by this office and the surface management agency finds the wellsite in satisfactory condition.

5. If not previously filed, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well Completion or Recompletion Report and Log, well history, electric logs, and other surveys, and if taken, core analysis and water analysis. These reports must be filed within 30 days after the completion of plugging operations.

PLUGGING REQUIREMENTS

	From	To	Sacks Cement
	SET CMT. RETAINER @ ± 8700'	PUMP 50' CMT. PLUG	BELOW RETAINER AND
		100' CMT. PLUG	ABOVE RETAINER.
	± 6720'	± 6620'	
*	± 950'	± 1050'	
	SURFACE	- 50 FOOT PLUG	

Approved by Jerry Kenczka Date 10-29-85 Time 8:30 (a.m.) p.m.

* THIS OFFICE FELT THAT A PLUG FROM ± 950 - 1050' WOULD OFFER MORE PROTECTION RATHER THAN A PLUG FROM ± 3450 - 3550'. DUE TO HAVING CEMENT BEHIND THE PIPE AT ± 1018' VS. HAVING NO CEMENT BEHIND THE PIPE FROM ± 3450 - 3550'.

Please Note The Change In Setting Depth Of One Plug. Also Sent A Copy Of This Approval To Your Denver Office

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator Bow Valley Petroleum, Inc.

Representative James Hooks

Phone 722-5166

Well No. 1-26A4

Location 1/4 1/4 Section 26 Township 1S Range 4W

Duchesne County, Utah

Lease No. 14-20-H62-3782

Field/Unit Name

T.D. 14,600' Size Hole Fill per Sack

Mud Weight 9.2 #/gal. Base of Fresh Water Sands

Casing Size	Set At	Top of Cement	To be Pulled	Formation (Est)	Top	Base	Shows
13 3/8"	306'	Surface	—	Green River	6335'	10,315'	
9 5/8"	7040' 6670' to	Surface	—	"N" Marker	11,071'		
7 5/8"	12-146' 11,834' to	?	—	Miles Zone	13,246'		
5 1/2"	14,598'	11,834'	—				

REMARKS

DST's, lost circulation zones, water zones, etc. Perforations: 11,310'-14,598'

Selective; 2 7/8" Tbg. Fish From ± 9737'-14,591' (Attempted To Fish Before, Could Not Retrieve All Of Fish).

6. You or your authorized representative should inspect the abandoned location prior to notification to this office by Form 3160-5 that the location is ready for final inspection, and note especially that:

A. The regulation dry-hole marker bears the correct legend as required in Item 3.

B. The rathole and mousehole are filled, not just bridged, and pits are filled and leveled.

C. All material and junk are gone. This includes deadmen protruding above the level ground surface.

D. Reseeding or other required restoration work has been completed.

7. The Bureau of Land Management District Office address is:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(801) 789-1362

8. The Bureau of Land Management contact is:

Jerry Kenczka
Staff Engineer
Work: (801) 789-1362
Home: (801) 781-1190

Allen McKee
Staff Engineer
Work: (801) 789-1362
Home: (801) 781-1368

If neither of the above can be contacted, please contact:

Cody Hansen
Assisstant District Manager for Minerals
Work: (801) 789-1362
Home: (801) 247-2318

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

RECEIVED
OCT 31 1980
DIVISION OF OIL
GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H623782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [XX] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Ute Tribal

2. NAME OF OPERATOR: Bow Valley Petroleum, Inc.

9. WELL NO.: #1-26 A4

3. ADDRESS OF OPERATOR: Box 130, Roosevelt, Utah 84066

10. FIELD AND POOL, OR WILDCAT: Altamont-Wasatch

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1849' FNL 1100' FEL
At top prod. interval reported below Same
At total depth Same

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 26, T1S R4W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
N/A		Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
2-15-71	7-1-71	9-28-71	6457' GL	6457'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
14,600'	14.598'		→	All	None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
14,056' - 14,598'; 13,976' - 14,013; 12,194' - 13,535'; 11,310' - 11,761' All Wasatch

25. WAS DIRECTIONAL SURVEY MADE:

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL; Sonic - GR; Dil - Sp; SNPL

27. WAS WELL CORED:

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	205'	17½"	375 SX	--
9 5/8"	47	7040'	12¼"	525 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8"	6670'	12,146'	530 SX	
5 1/2"	14598'	12,146'	750 SX	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
4-24-82	V25-21-075 Oilmaster Hydraulic Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-27-82	24			369.1	69	152	187

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
						40.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold to Gary Energy

TEST WITNESSED BY: Chuck Gardner

35. LIST OF ATTACHMENTS
Workover Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE District Engineer DATE 6-25-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

Bow Valley Petroleum Inc.
P.O. Drawer 130, Roosevelt, Utah 84066
Telephone: (801) 722-5166

UTE #1-26 A4

WORKOVER SUMMARY

This well was shut-in by Shell Oil Company as a non-commerical producer. Bow Valley Petroleum, Inc. took over as operator with the intent to perforate and acidize the well as per Sundry Notice filed on 8-25-81 and approved on 8-31-81.

The well was cleaned out to 14,591' (removed one permanant packer and four bridge plugs). The work string parted at 8818' while tripping out of the hole. Fishing operations were not completely successful and a fish was left in the hole with the top at 9737'.

The well is currently produced from Shell's perforations as listed on the recompletion form. No additional perfs were shot and no acid job was done. A retrievable packer is set at 9697'. The well is currently produced with a hydraulic pump set at 9656'.

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
FEB 21 1986
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-3872

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

8. FARM OR LEASE NAME: Ute 1-26A4

2. NAME OF OPERATOR: Bow Valley Petroleum, Inc.

9. WELL NO.: 1-26A4

3. ADDRESS OF OPERATOR: P.O. Drawer 130, Roosevelt, UT 84066

10. FIELD AND POOL, OR WILDCAT: Altamont-Wasatch

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1840' FNL, 110' FEL, SE NE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 26, T1S, R4W

14. PERMIT NO.: 43-013-30057

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Temporarily Abandoned Well			XX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well has been temporarily abandoned due to currently unproductive intervals and completion of an off-set well in the same section. All lines have been unhooked and production equipment is now being used to produce the new well, the E. Fisher 2-26A4, located approximately 1400' Southwest.

Based on this Sundry, we can only call this a SI well.

-JRB

18. I hereby certify that the foregoing is true and correct

SIGNED Michelle K. Mecham (MICHELLE K. MECHAM) TITLE Eng. Technician DATE 2-6-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

070709

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 30, 1986

Ms. Michelle Mecham
Bow Valley Petroleum Inc.
P.O. Drawer 130
Roosevelt, Utah 84066

Dear Ms. Mecham:

RE: Emergency Pit Fence, Well No.1-26A4, Sec.26, T.1S, R.4W, Duchesne County, Utah

Pursuant to your telephone conversation with Jim Thompson of this office, information is enclosed which concerns the refencing of the emergency pit at the subject well location.

An onsite inspection was made June 25, 1986, and it was found that the fencing an the south and east sides of the pit is satisfactory. The west and north sides of the pit need to be refenced with a closing gate installed.

Because of the proximity of a trailer court, there is a possibility of a hazardous situation involving small children. Therefore, it is recommended a gate be installed at the cattle guard entering the location.

If there are questions or concerns with this problem, please contact Jimmie Thompson at (801) 538-5314.

Sincerely,

John R. Baza
Petroleum Engineer

JT/sb
cc: D. R. Nielson
R. J. Firth
Well File
9695T-42

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

11039

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. 2
14-20-H62-3872

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
UTE

9. WELL NO.
1-26A4

10. FIELD AND POOL, OR WILDCAT
ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC.26, T1S, R4W

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
BOW VALLEY PETROLEUM, INC.

3. ADDRESS OF OPERATOR
P.O. DRAWER 130, ROOSEVELT, UTAH 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1840' FNL, 110' FEL, SE NE

14. PERMIT NO.
43-013-30057

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6457' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was plugged & abandoned August 21, 1986 as follows:

1. Set retainer @ 8700' & spotted 25 sx cement (150' plug 8600'-8750').
2. Test retainer, liner top, & 9-5/8" csg to 3000#.
3. Turned hole over w/ 9.2 PPG mud from 8590'-surface.
4. 25 sack cement plug from 6600'-6720' (liner top @ 6670').
5. Spotted 164' cement plug from 886'-1050'.
6. 25 sack cement plug from 82'-surface.
7. Unable to pump down 13-3/8" csg w/ 2000# pressure.
8. Cut casings off 4' below ground level. Weld 1/2" steel plate on 9-5/8" & 1/2" steel plate on 13-3/8" csg w/ legal description.
9. Reclamation of location not completed until landowner negotiations have been settled.

18. I hereby certify that the foregoing is true and correct

SIGNED Michelle M. Mecham MICHELLE M. MECHAM TITLE Eng. Technician DATE 10-21-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-31-86
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

cc: RJ Firth

RECEIVED
AUG 10 1987
DIVISION OF OIL
GAS & MINING

July 27, 1987

Diane Nelson
State Oil & Gas Division
4241 State Office Building
Salt Lake City, Utah 84114

RE: Bow Valley Surface Use
T1S, R4W, Sec. 26: SE¼NE¼
Duchesne County, Utah

Dear Ms. Nelson:

This letter is written to ask for your assistance in a matter in which we cannot resolve with Bow Valley Petroleum, which is now GW Petroleum, Inc.

In 1971, we had an agreement with Shell Oil to use property for an oil well location. It was in the agreement that Shell would restore the property to its original use and condition after the well was plugged, abandoned, or there was no further use of the land. However, since that time, Bow Valley has apparently bought or received a farm-out from Shell Oil on this location. Neither Shell nor Bow Valley has taken the necessary steps to restore the property to its original use.

The reason I am writing to you is to ask for your assistance in dealing with Bow Valley Petroleum (GW Petroleum) to have our surface rights restored. If an additional agreement must be made, we are prepared to negotiate with GW Petroleum. However, Shell Oil's agreement stated they would restore the land to the original condition.

Enclosed is a copy, marked in yellow for your quick inspection, showing that Shell Oil was to restore the remaining land, which had been utilized by Shell, to its original condition.

Would you please let me know what other information must be given so that we can make an appointment with you to resolve this matter or request a hearing before the Oil & Gas Board.

Sincerely,

Lewis Daniels

Revella Daniels

ENC.

cc. Senator Hatch

SHELL OIL COMPANY
1700 BROADWAY
DENVER, COLORADO 80202

March 4, 1971

Subject: Pool 2366
Shell-Gulf-King Silver
Ute 1-26A4 Unit
All of Section 26-1S-4W
Altamont Field
Duchesne County, Utah

Reply To: J. Robert Outerbridge

T1S-R4W-Sec 26

454-3649

Mr. and Mrs. Lewis Daniels
Altamont
Utah 84001

Dear Mr. and Mrs. Daniels:

The purpose of this letter is to summarize and confirm the conversations we have had with you concerning the damages incurred in the drilling of the Ute 1-26A4 on your property.

The right of Shell to drill this well exists by virtue of an Oil and Gas Mining Lease, of which Shell is the lessee of record, executed effective July 10, 1968, by The Ute Indian Tribe and The Ute Distribution Corporation. The chain of title establishing ownership of the minerals in The Ute Tribe and The Ute Distribution Corporation is a matter of public record. The last instrument of conveyance in the chain is the Patent whereby you acquired title to the surface of the land and the minerals were reserved for the Tribe and The Ute Distribution Corporation. The reservation reads:

> "This patent is subject to the reservation of all oil, gas and other minerals to the United States in trust for the beneficial owners thereof, their heirs and assignors, together with the right to lease, extract and retain the same."

Under the terms of the Oil and Gas Mining Lease, we are required to pay for damages to crops, buildings and other improvements on the land caused by our operations. We have during our conversations offered you $250.00 per acre as compensation for damage to crops on the land we have used and we hereby confirm the offer in writing. The amount of land being used has been mutually agreed to tentatively as being 14 acres including the access road. We will confirm the amount of acreage by stepping it off with you.

Upon completion of the well the surface will be restored, at the operators' expense, as near as possible to its original state. If the well is a dry hole, the entire site will be restored. If the well is a producer, approximately 3-4 acres will be required for producing operations and the access road will remain. The remainder of the drill site will be restored.

I will be in the Altamont area next week and plan to visit you Wednesday afternoon to discuss this matter with you further.

Yours very truly,

For: C. J. Roberts
Division Land Manager
Rocky Mountain Division

JRO:sy

RELEASE IN FULL

In consideration of Four Thousand Nine Hundred Dollars ($4,900.00) received by the undersigned, the undersigned hereby fully and forever release and discharge Shell Oil Company, a corporation, and its officers, employees, agents, successors and assigns (herein collectively called "Shell") from any and all claims, demands and causes of action which the undersigned may now or hereafter have against Shell due to any and all damage to or loss of any real or personal property of the undersigned, of whatsoever nature and wherever situated (including, without limitation, soil, crops, trees, improvements, structures, fixtures, wells and livestock), heretofore or hereafter resulting, directly or indirectly, from any operations, acts or omissions prior to the date hereof by or for or with the consent of Shell on or in the vicinity of the following-described lands in Duchesne County, Utah.

Township 1 South, Range 4 West

Section 26: SE¼NE¼

It is understood that Shell is currently drilling a well on the above-described land and that in the process of such drilling operations, has utilized approximately 14 acres including the access road to the drill site. The $4,900.00 consideration paid by Shell to the undersigned is full compensation for all damage caused or to be caused or resulting from such operations by Shell on the above-described land. When drilling operations have been completed, Shell will not utilize more than five acres of the above-described land, including the site surrounding the well and the access road, and Shell as reasonably as possible will restore the remaining land which has been utilized by Shell to its former condition.

This Release is intended to be fully effective regardless of whether or not any or all of the aforesaid damage, loss, operations, acts or omissions are known to the undersigned or to Shell or to both.

The undersigned warrant that they alone are entitled to be compensated for any damage to or loss of the above-described lands and any real or personal property therein, thereon or affixed thereto resulting as aforesaid, and they agree to indemnify Shell against any claims of others relating to such damage or loss.

Nothing contained or referred to in this Release shall be construed as an admission by Shell of any liability whatsoever.

IN WITNESS WHEREOF, the undersigned have executed this Release